FY99 Army Program Listing

Alpha List Of Programs*

Total: 572

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
10KW Auxillary Power Unit (APU) Program	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, MEP**	**PJ**	**DSA, CECOM**
This program supports the standardization of 10 KW APU's for diverse systems using the SICPS wheeled vehicles. The APU provides enhanced/improved support, improved reliability/supportability. PM-MEP is procuring these sets for a variety of Army systems.						
12 Gauge Breaching Round	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**
Provides a 12 Gauge breaching cartridge that will defeat door lock mechanisms, hinges and padlocks on wooden doors. Supports the Soldier Enhancement Program.						
12 Gauge Non-Lethal Point and Crowd Control	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**
Provides a 12 gauge non-lethal shotgun cartridge for crowd control purposes. Two rounds will be Type Classified, one for use against multiple personnel in a crowd, the other for use against one individual. This program is in support of the Soldier Enhancement Program.						
120mm M829A2 APFSDS-T	**PFDOS**	**III**	**PEO, GCSS (MG Michitsch)**	**PM, TMAS**	**PJ**	**PEO, GCSS**
The M829 is the world's most lethal kinetic energy round. It is the Abrams Tank's primary anti-armor cartridge. It incorporates thick walled graphite composite sabots, high density stick propellent, and a depleted uranium penetrator.						
120mm M829E3 APFSDS-T	**EMD**	**II**	**PEO, GCSS (MG Michitsch)**	**PM, TMAS**	**PJ**	**PEO, GCSS**
The M829E3 is a kinetic energy round being developed to counter explosive reactive armor advancements expected to be fielded early in the next century. Advancements in propulsion and penetration are key elements of this program.						
120mm M830A1 Multi-Purpose/HEAT Cartridge	**PFDOS**	**III**	**PEO, GCSS (MG Michitsch)**	**PM, TMAS**	**PJ**	**PEO, GCSS**
This round utilizes a sub-calibered saboted warhead which results in increased velocity, shortened time of flight, and higher hit probability. It represents a major breakthrough in HEAT ammunition in terms of range and performance. The M830A1 has an anti-helicopter capability.						

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name)	PM	PM Level*	Organization Reports To
1500 GPH Reverse Osmosis Water Purification Unit	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM

A future generation large scale ROWPU which is scheduled to replace the 600 GPH ROWPU. This system will be more efficient and easier to maintain.

155mm M795 High Explosive	PFDOS	III	PEO, GCSS (MG Michitsch)	PM, ARMS	PD	PEO, GCSS

The M795 Projectile consists of 28.3 pounds of TNT explosive loaded into a high fragmentation steel body assembly. The projectile can use a variety of fuzes (point detonating, mechanical/electronic time and proximity). It will be used for conventional fire support and will supplement the currently stockpiled 155mm HE M107. It provides greater range and lethality than the M107 and will be used as a registration round for the M483A1 family of conventional munitions. The M795 is in production.

2.75 Inch Rocket Systems	PFDOS	II	CG, IOC (MG Arbuckle)	PM, 2.75 Inch Rocket Systems	PJ	CG, IOC

This is a family of 2.75 Inch, folding fin, Aerial Rocket Systems (Hydra-70) fired from fixed or rotary wing aircraft. It consists of the rocket, multiple warheads, and launcher, and is used by the Army, Navy, Air Force, and Special Operations.

3000 GPH Reverse Osmosis Water Purification Unit (3K ROWPU)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM

The 3K ROWPU is self-contained, mounted onto a M871A1 trailer, and powered by a 60KW generator. In the theater of operations it is towed to an operating site by a M818 or M932 5-ton tractor. It has the capacity to produce potable water from any water source and to remove many chemical and biological contaminants.

350 GPM POL Unregulated Pump	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM

The 350 GPM Pump is a component of the Fuel System Supply Point and the inland Petroleum Distribution System. It supports the Army's primary means of distributing and issuing petroleum to combat forces under tactical conditions.

40 MM Canister Round for MK19	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM

Provides a 40mm Cartridge for the MK19 Grenade Machine-gun for anti-personnel capability out to 100 meters. This program is in support of the Soldier Enhancement Program.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
40mm Non-Lethal Crowd Dispersal Cartridge	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Provides friendly forces with a direct fire, non-shrapnel producing round with effective range of 15-30 meters and fired out of a 40mm Grenade Launcher. Program transitions to PM SA 3Q99.

5.56mm Armor Piercing Round,	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

An NDI armor piercing round with improved penetration capabilities over the M855 cartridge. Used in the M16A2 rifle, M4 Carbine and the M249 Machine Gun. This program is in support of the Soldier Enhancement Program.

500 Foot Low Velocity Airdrop System (LVADS)	**PDRR**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

LVADS combines standard Airdrop components (Type V platform, parachutes, and associated hardware) augmented with technology enhancements, to achieve precision airdrop at low levels.

5KW 28VDC APU Program	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, MEP**	**PJ**	**DSA, CECOM**

This program is being managed by PM-MEP (with CECOM support). This program responds to the force requirement for an auxiliary power unit(APU) for the M577 vehicle and the SICPS M1068 track variant. This modernized, highly capable APU operates on diesel/JP8 fuel and replaces the 4.2 KW gasoline fueled APU. In addition to being single-fuel compliant(diesel/JP8),it has a drastically reduced noise signature and vastly improved reliability and supportability. This program is a critical element of the Force XXI Tactical Operations Centers(TOC). Low rate initial production articles are currently deployed with the Task Force XXI EXFOR.

60K Low Velocity Airdrop System	**PDRR**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The 60k LVADS is comprised of a conventional parachute design and many improvements over existing low velocity airdrop components. It will allow deployment of equipment up to 60K lbs (total rigged weight) from an altitude of 2K ft at speeds of 130 to 150 knots. The system incorporates existing 42K lbs LVAD technology with new developments/improvements to accommodate the higher capacity.

Program	Current	ACAT	MDA (Name)	PM	PM Level*	Organization Reports To
Abrams Upgrade	**EMD/PFDOS**	**IC**	**AAE**	**PM, Abrams**	**PJ**	**PEO, GCSS**
			(Mr. Hoeper)			

The Abrams tank closes with and destroys enemy forces on the integrated battlefield using mobility, firepower, and shock effect. The M1A2 program provides the Abrams tank with the necessary improvements in lethality, survivability, and fightability required to defeat advanced threats. The M1A2 includes a Commander's Independent Thermal Viewer, an Improved Commander's Weapon Station, position navigation equipment, a distributed data and power architecture, embedded diagnostic system, improved fire control system, and a radio interface unit that allows, through the SINCGARS radio, rapid transfer of digital situational data and overlays to compatible systems on the digital battlefield. Production of new Abrams for the U.S. Army is complete. In lieu of new production, the Army is upgrading approximately 1,000 older M1 tanks to the M1A2 configuration. A multiyear procurement for 600 M1A2 upgrades was awarded in July 1996. Further M1A2 improvements, called the System Enhancement Program (SEP), are underway to enhance the tank's digital command and control capabilities and to add second generation forward looking infrared (FLIR) sensors to the thermal sights to improve the tank's fightability and lethality. M1A2 SEP tanks are scheduled to begin fielding in 3QFY00. The M1A2 SEP is in EMD. The M1A2 is in Production.

Adjustable Sight Bracket for MK19	**EMD**	**III**	**DSA, TACOM**	**PM, Small Arms**	**PD**	**DSA, TACOM**
			(COL(P) Harrington)			

Provides a common mounting interface for MK 19 Grenade Machinegun fire control devices. It adjusts to maintain line of sight to target while weapon is elevated, reducing target acquisition time.

Advance Aviation Forward Area Refueling System (AAFARS)	**EMD**	**III**	**DSA, TACOM**	**PM, PAWS**	**PD**	**DSA, TACOM**
			(COL(P) Harrington)			

A lightweight modular refueling system capable of refueling four aircraft simultaneously, at a minimum flow rate of 55 GPM per nozzle.

Advanced Anti-Tank Weapon System -- Medium (Javelin)	**PFDOS**	**IC**	**AAE**	**PM, Javelin**	**PJ**	**PEO, TAC MSL**
			(Mr. Hoeper)			

Javelin is a man-portable, anti-tank system developed for the U. S. Army and U. S. Marine Corps. The system is highly lethal against tanks with conventional and reactive armor. Javelin has two major tactical components; a reusable Command Launch Unit (CLU) and a missile sealed in a disposable Launch Tube Assembly. The CLU incorporates an integrated day/night sight and provides target engagement capability in adverse weather and countermeasure environments. The CLU may also be used in the stand-alone mode for battlefield surveillance and target detection. The Javelin system weighs less than 49.5 lb. and has a maximum range in excess of 2,500 meters. Javelin's key technical feature is the use of fire-and-forget technology which allows the gunner to fire and immediately take cover. Additional special features are the top attack and/or direct fire modes (for targets under cover), integrated day/night sight, advanced tandem warhead, imaging infrared seeker, target lock-on before launch and soft launch. Soft launch allows Javelin to be fired safely from enclosures and covered fighting positions increasing gunner survivability. Javelin replaces the DRAGON.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Advanced Clothing Repair Equipment	**PDRR**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Advanced Clothing Repair program will develop and introduce updated capabilities to repair uniforms, shelters and associated items of equipment in the field. Commercial technologies such as heat sealing, ultrasonic welding and adhesive bonding will be integrated into this system. This system will then be provided as upgrades to existing fabric repair assets.

Advanced Composites Casualty Litter System	**CE**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

A project to develop a lightweight rugged litter using composite materiels to reduce weight by 50% from currently fielded litter.

Advanced Field Artillery Tactical Data System (AFATDS)	**PFDOS**	**II**	**PEO, C3S (BG Boutelle)**	**PM, FATDS**	**PD**	**PEO, C3S**

The Advanced Field Artillery Tactical Data System (AFATDS), under the auspices of Product Manager Fire Support, provides the mutli-service (Army and Marine Corps) automated Fire Support Command, Control and Communications portion of the Army Battle Command System (ABCS). AFATDS enables the maneuver commander to plan and execute attacks on the right target, at the right time, with the right weapons system, and the right munitions. It provides for maximum utilization of fire support assets available on an expanding battlefield. It supports the close, deep and rear battle fire support requirements of land and littoral doctrine. AFATDS is designed for full interoperability with the other ABCS Battlefield Functional Areas (BFA) as well as with the Fire Support capabilities of the Navy's Joint Maritime Command Information System (JMCIS) and the Air Force's Theater Battle Management Core System (TBMCS). AFATDS provides integrated, automated support for planning, coordinating and controlling all fire support assets (field artillery, mortars, close air support, naval gunfire, attack helicopter, and offensive electronic warfare) and for executing counterfire, interdiction, and suppression of enemy targets for close and deep operations. AFATDS uses non-developmental, ruggedized, common hardware/software used by the other ABCS BFAs. AFATDS uses the results of its target- value analysis to establish target priorities to select the best weapon system from all fire support assets available, and to coordinate target acquisition and sensor assets to provide targeting information and target damage assessment data. Through interoperability with TBMCS, AFATDS will be able to recommend tasks for close air support of ground troops as well as track and maintain joint air targets. The AFATDS-JMCIS interface allows for the exchange of friendly and enemy unit information and battlefield geometry messages. The AFATDS software is being developed in incremental, fieldable versions to accommodate evolving technology, doctrines, tactics, weapons capabilities and procedures. Each version adds capability and functionality with AFATDS '04 currently projected as the objective system. AFATDS follows the Deputy Chief of Staff for Operations and Plans (DCSOPS) approved "First to Fight" fielding schedule, which prioritizes fieldings to units to be deployed into combat first.

Advanced Food Sanitation Center	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Advanced Food Sanitation Center provides an enhanced capability to clean/sanitize food service equipment and a method to control kitchen grey water. This center reduces the number of required burners from three to one.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Advanced Integrated Collective Protection System (ACIPS)	**PDRR**	**IV**	**Acq Ex, SBCCOM (Mr. McKivrigan)**	**System Manager**	**Item/System Manager**	**CG, SBCCOM**

The ACIPS is an advanced filtration system integrated with environmental control and exportable power source for vans and shelters to provide collective protection. It has the capability of being integrated in more than one configuration to provide protection to different tactical vehicles (heavy, XM31; medium, XM32; light, XM33).

Advanced Laser Eye Protection System	**EMD**	**III**	**PEO, AVN (MG Snider)**	**PM, ACIS**	**PJ**	**PEO, AVN**

The objective of the program is to develop a day/night, multiple wavelength, low energy visor to address the needs of fixed and rotary wing aircrews in a fixed, multi-wavelength laser threat environment. This visor must be compatible with current Navy/Marine Corps and Army ALSE.

Advanced Quickfix (AQF)	**EMD**	**III**	**PEO, IEW&S (MG Gust)**	**PM, GBCS/AQF**	**PD**	**PEO, IEW&S**

AQF is a heliborne electronic attack, signals intelligence and emitter targeting system, currently in LRIP.

Advanced Tactical Parachute System	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Advanced Tactical Parachute System will replace the current military static line parachute, the T-10 and the T-10R reserve parachute, which was fielded in the 1950's. "Leap-ahead" technology will provide a system that meets the needs of the paratrooper well into the next century, reducing landing related injuries.

Advanced Tank Armament System	**PDRR**	**III**	**PEO, GCSS (MG Michitsch)**	**PM, TMAS**	**PJ**	**PEO, GCSS**

This program is developing and integrating state of the art armament technologies for the Abrams tank and other armored systems, including the Future Scout and Cavarly Vehicle. These technologies, including improved cannon and fire control, will give these systems the ability to see, hit and kill targets at extended ranges and maintain lethality overmatch over the threat.

Advanced Threat Infrared Countermeasure Munition (AIRCMM)	**EMD**	**III**	**PEO, AVN (MG Snider)**	**PM, ATIRCM**	**PJ**	**PEO, AVN**

The AIRCMM is an advanced aircraft infrared expendable device which is multispectral in nature and will be a replacement and/or enhancement for the standard Army M-206IR decoy. The AIRCMM is backward compatible with the M-130 General Purpose Dispenser and provides a payload identification capablity with the Advanced Expendable dispenser part of the Advanced Threat Infrared Countermeasure (ATIRCM).

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Advanced Threat Infrared Countermeasures / Common Missile Warning System (ATIRCM/CMWS)	**EMD**	**IC**	**AAE (Mr. Hoeper)**	**PM, ATIRCM**	**PJ**	**PEO, AVN**

Airborne countermeasure self-protection systems which detect both infrared (IR) and radio frequency (RF) missiles using advanced imaging technology and protect aircraft against IR missiles through the use of laser and lamp. This is a joint program with the Army as lead service.

Aerial Common Sensor	**CE**	**III**	**PEO, IEW&S (MG Gust)**	**PM, ACS**	**PD**	**PEO, IEW&S**

Aerial Common Sensor provides dedicated, corps-level, multi-disciplined intelligence, surveillance and reconnaissance (ISR) support for situation awareness, targeting and force protection under full range of operational scenarios. Combines the functionality of GRCS and ARL into single platform. This program is expected to be raised to ACAT I level.

Aerial Targets	**PDRR/EMD/PFDOS**	**III**	**CG, STRICOM (BG Bond)**	**PM, ITTS**	**PJ**	**CG, STRICOM**

The Aerial Targets program provides realistic surrogate or acquired threat high performance, multi-spectral aerial targets which fully stress the latest air defense and air-to-air weapon systems during Test & Evaluation (T&E). This program encompasses a family of rotary and fixed wing targets, full-scale, miniature and sub-scale targets, tactical ballistic targets, ancillary devices and remote control systems. Program also includes a suite of virtual models for selected aircraft types.

AH-1 COBRA	**PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, Scout/Attack Helicopter**	**PD**	**DSA, AMCOM**

The AH-1 is an armed attack, single-engine, tandem seated helicopter with a maximum gross weight of 10, 000 pounds and a T53L703 1600 SHP engine. The armament system consists of the M65 TOW Missile System, 20 mm gun, and Hydra-70 rockets.

AIHS Laser Eye Protection Visor	**PFDOS**	**III**	**PEO, AVN (MG Snider)**	**PM, ACIS**	**PJ**	**PEO, AVN**

The AIHS Laser Eye Protection Visor is a two visor system that provides protection from 2 and 3 wavelengths (notches) of laser hazards. The 2 notch visor provides protection against two laser wavelengths and provides adequate ambient light transmittance to be flown at night. The 3 notch visor provides protection against three laser wavelengths. While the 3 notch visor provides additional laser protection as compared to the 2 notch visor, it is too dark to be used at night. This item is currently being fielded with the HGU-56/P Helmet.

Air and Command Training System (ACTS)	**PDRR/EMD/PFDOS**	**III**	**CG, STRICOM (BG Bond)**	**PM, ACTS**	**PD**	**CG, STRICOM**

The ACTS program consists of various high fidelity system and non-system weapons simulators, combat mission simulators, Synthetic Flight Training Systems (SFTS), simulators, part-task and maintenance trainers, as well as force-on-force Tactical Engagement Systems (TES) which support training of Aviation, Air Defense, Intelligence and Electronic Warfare, Command and Control and Air Traffic Control in both virtual and live environments.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Air and Missile Defense Planning and Control System (AMDPCS)	**PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, TOC/AMDCCS**	**PD**	**PEO, C3S**

AMDPCS provides a common air/missile defense operational planning tool for air defense commanders at all echelons of command (battery through theater) for all air/missile defense weapon systems (Stinger Based Short Range Air Defense, PATRIOT, Theater High-Altitude Area Defense, etc.) and is under the auspices of the Product Manager for Air and Missile Defense Command and Control Systems. The Air and Missile Defense Workstation (AMDWS) is the air/missile defense component of the Army Battle Command System (ABCS). Although AMDWS is a component of the AMDPCS, it is fielded as a component to Air Defense Area Brigades and with each air and missile defense weapon system. Through digital linkages with the various air defense weapon systems and the joint air surveillance net, the AMDWS provides the ABCS with the air component of the common tactical picture at the Division and Corps echelons of command. The AMDWS provides interoperability between all components of the air/missile defense force and the ABCS. In addition, the AMDWS provides interoperability with the air planning component of the U.S. Air Force/U. S. Navy Theater Battle Management Core Systems (TBMCS). The AMDWS also provides interoperability with the German air/missile defense command and control system. The AMDWS is a cooperative development between Program Executive Office (PEO) Command Control and Communication Systems; PEO Air Missile Defense; and the Ballistic Missile Defense organization.

Air Conditioners - Improved Environmental Control Unit (IECU)	**EMD**	**IV**	**Dir, CECOM LRC (Mr. LaPlaca)**	**CECOM LRC**	**Item/System Manager**	**DSA, CECOM**

A new generation of air conditioners that will satisfy the requirement for operation of non ozone depleting refrigerants.

Air Traffic Nav Integration and Coordination System(ATNAVICS), Fixed Base Precision Approach Radar	**EMD**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, ATC**	**PD**	**DSA, AMCOM**

The ATNAVICS is a tactical precision approach radar system that will provide the capability to conduct area surveillance and precision approach control for aircraft departures and arrivals in all weather conditions on a 24-hour basis. The ATNAVICS will replace the AN/TSQ-71, Landing Control Central.

Air Warrior (AW)	**EMD**	**III**	**PEO, AVN (MG Snider)**	**PM, ACIS**	**PJ**	**PEO, AVN**

This program is a multi-dimensional effort, designed to enhance the aircrew warfighting capabilities by providing the airvcrew with a systems approach to integration of aircrew life support, survival equipment, and aircrew life support, survival equipment, and aircrew/aircraft interface equipment and tailorability of aircrew equipment to specific missions. MS III is planned for FY 02.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Airborne Command and Control System (A2C2S)	**EMD**	**III**	**PEO, AVN (MG Snider)**	**PM, AEC**	**PJ**	**PEO, AVN**

The A2C2S functions as a highly mobile airborne command post when mounted in the UH-60 helicopter with auxiliary equipment, providing tactical voice, data, and imagery digitized battlefield communications both in secure and non-secure modes for corps, division, and brigade commanders. The system provides battle commanders and intercommunications facilities for up to six operators, and joint interoperability as well as maritime and air traffic control communications.

Airborne Reconnaissance Low	**PFDOS**	**III**	**PEO, IEW&S (MG Gust)**	**PM, ACS**	**PD**	**PEO, IEW&S**

The ARL is a multifunction airborne day/night reconnaissance asset initially designed for low intensity conflict/counter narcotics/Operations Other Than War applications.

Airborne Stand-off Minefield Detection System	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

Remote (UAV payload) system capable of detecting patterned/scatterable surface laid minefields and buried patterned minefields. It uses artificial intelligence to analyze data and transmit it to maneuver commands in near real time.

Aircrew Integrated Helmet System (AIHS)	**PFDOS**	**III**	**PEO, AVN (MG Snider)**	**PM, ACIS**	**PJ**	**PEO, AVN**

The AIHS has the Tri-Service designation as the HGU-56/P (Head Gear unit -56th version Pilot) and will replace the existing SPH-4 and 4B helmets. It offers twice the head impact protection and comes in six sizes for fitting the smallest female (1%) through the largest male (99%) aircrew members. Fielding of the HGU-56/P continues during FY99.

Aircrew Integrated Helmet System (AIHS-P3I)	**EMD**	**III**	**PEO, AVN (MG Snider)**	**PM, ACIS**	**PJ**	**PEO, AVN**

This program develops improvements to the AIHS HGU-56/P helmet. Preplanned improvements include lighter weight, noise reduction, and improved communications. The current P3I efforts being pursued include an Apache Magnetic Head Tracker to replace the current IHADSS helmet and a Comanche compatibility effort, and Virtual Retinal Display development.

All Purpose Weapons and Equipment Container System	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier**	**PJ**	**DAR, SBCCOM**

The system is a family of lightweight, multipurpose, weapons equipment containers for use by individual parachutists. The AIRPAC will consist of two containers which, when employed separately, together, or with the M-1950 weapons case, will provide parachutist's delivery of a wide variety of combat equipment, weapons and missile systems. Containers will have a single point release system which allows the container and leg tiedown straps to be released simultaneously. Current weapons/equipment containers and jump packs are too heavy and bulky and offer limited range of application use. PER W. STUDEBAKER, ZCS - DELETE THE PROGRAM

Program	Current	ACAT	Program (Name Mgr)	PM	PM Level*	Organization Reports To
All Source Analysis System (ASAS)	**EMD/PFDOS**	**II**	**PEO, C3S (BG Boutelle)**	**PM, Intel Fusion**	**PD**	**PEO, C3S**

The All Source Analysis System (ASAS) is the Intelligence Electronic Warfare (IEW) sub-element of the Army Battle Command System (ABCS). A "system of systems," it is built upon the common hardware (CHS-2) platform. ASAS provides fused all-source, near-real-time intelligence and targeting products to collateral and compartmental levels. It also provides warfighting commanders, at all echelons, with timely and comprehensive understanding of the current threat situation for the common tactical picture. ASAS automates IEW asset management, intelligence preparation of the battlefield and dissemination. It supports all echelons and functions in all phases of military operations across the full spectrum of conflict, and is mission critical. ASAS is tactically deployable; it receives and correlates data from strategic and tactical intelligence sensors and sources. It produces ground battle situation analysis through threat integration, rapidly disseminates intelligence information, provides target nominations, and helps manage organic IEW assets. ASAS supports current operations and future planning.

All-Terrain Crane (ATC)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MME**	**PD**	**DSA, TACOM**

The ATC is pneumatic tired, diesel engine driven, with fully revolving superstructure and cab, and hydraulically powered telescoping boom. It will be used to perform lifting, lowering, loading, and excavation; handling general supplies, construction materials and bridging; to support maintenance, collection and classification points, rehabilitation of maintenance and communication routes, resupply points and logistic support facilities. The ATC will replace overage 20 and 25 ton cranes (rough terrain and truck mounted) in the Army inventory.

All-Terrain Lifter Army System (ATLAS)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MME**	**PD**	**DSA, TACOM**

The ATLAS is a rough terrain forklift which has the same mobility and speed as the 6,000 lb (6K) variable reach rough terrain forklift and can perform the functions required of the current Army standard 10,000 lb (10K) rough terrain forklifts.

Ammunition Solar Cover	**PDRR**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Ammunition Solar Cover reduces solar loading on ammunition in field storage; is durable, easy to erect, transport and store; and is resistant to the deteriorating effects of the weather, climate and long term storage. The Type I covers an area 50 x 50 feet and the Type II covers 1/4 acre.

AN/APR-48A Radar Frequency Interferometer (RFI)	**PFDOS**	**III**	**PEO, AVN (MG Snider)**	**PM, AAH**	**PJ**	**PEO, AVN**

This radar frequency interferometer is a passive target acquisition system that provides accurate bearings to threat air defense artillery emitters. The system detects, classifies, and prioritizes radar emitters. It cues target acquisition systems, allows rapid target handover, and can provide information on the status of the detected emitter (search, acquisition, and track). The system consists of two major components; a receiver/antenna assembly and a processor. The system will use onboard displays to provide information to the aircrew.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
AN/ARC-220 High Frequency (HF) Nap-of-the-Earth (NOE) Communications Radio	**PFDOS**	**III**	**PEO, AVN (MG Snider)**	**PM, AEC**	**PJ**	**PEO, AVN**

High Frequency Nap-of-the-Earth Communications (HF NOE COMM) radios are required to satisfy critical Desert Storm operational deficiencies for long range and "over-the-hill" connectivity for both voice and data for Army aircraft. The AN/ARC-220 HF radio has been competitively procured with Automatic Link Establishment capability to replace difficult manual searches for workable frequencies, night vision compatible lighting and Electronic-Counter-Countermeasures (ECCM) capabilities.

AN/ASN-149 Global Positioning System (GPS)	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, GPS**	**PD**	**DSA, CECOM**

The AN/ASN-149 provides Army aviation cargo aircraft with accurate location and velocity information critical to navigation. It also provides Universal Coordinated Time for communication systems and assists in situational awareness and prevention of fratricide.

AN/AVR-2A(V) Laser Detecting Set (LDS)	**PFDOS**	**III**	**PEO, AVN (MG Snider)**	**PM, ATIRCM**	**PJ**	**PEO, AVN**

The AN/AVR-2A(V) Laser Detecting Set is a passive laser detecting system which receives, processes, and displays threat information resulting from aircraft illumination by lasers. The threat information is displayed on the AN/APR-39 Radar Detecting Set indicator.

AN/FPN-66 Radar	**PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, ATC**	**PD**	**DSA, AMCOM**

A non-tactical air traffic control system that provides an electronic surveillance capability in the approach and terminal area at Army airfields by providing for the separation of air traffic (IFR & VFR) by tower and radar controllers. In two cases it is used to enhance range control operations. It is a single channel analog and dual channel digital secondary radar.

AN/TPQ-45 Aircraft Survivability Equipment Trainer IV (ASET IV)	**PFDOS**	**III**	**PEO, AVN (MG Snider)**	**PM, ATIRCM**	**PJ**	**PEO, AVN**

This trainer consists of ground based mobile threat emitters. The emitters simulate infrared and radar frequency defense systems (SA-7/14, SA-9/13, ZSU-23-4, SA-8 and C3). ASET IV presents the culmination of aircraft survivability equipment training providing realism under the "train as you fight" concept.

Anti Reflection Devices	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Provides the capability to reduce the visible signature from glare/glint of fielded and future direct view optics, e.g., M144 Straight Telescope, M22 Binoculars, M24 Sniper Day Scope, AN/PVS-10 Sniper Day Night Sight, M24 Miniature Binoculars. This program is in support of the Soldier Enhancement Program.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Anti-Malarial Drug, Arteether	**CE**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**
An anti-malarial drug that is a derivative of the Chinese herbal remedy Qinghaosu. It is intended as an expedient intramuscularly injected treatment for severe multi-drug resistant malaria.						
Anti-Personnel Obstacle Breaching System (APOBS)	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**
The APOBS is a Rocket propelled/45M line charge with 108 fragmentation grenades. It is a two man portable replacement for the Bangalore Torpedo (less than 1/4 the weight).						
Antileishmanial Drug, WR6026	**EMD**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**
An oral treatment being developed for visceral leishmaniasis, a parasitic disease which is invariably fatal if untreated.						
Antimalarial Drug, Azithromycin	**EMD**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**
A product designed to be an effective replacement for doxycycline for the prevention of malaria.						
Antimalarial Drug, Halofantrine Prophylactic	**PDRR**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**
An oral alternative to chloroquine and mefioquine for prevention of resistant acute malaria. Cardiac toxicity has haulted further development.						
Antimalarial Drug, WR238605	**PDRR**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**
A product which has demonstrated antimalarial potential in preclinical studies, both as a prophylactic and treatment drug. Ongoing field clinical trails indicate efficacy with fewer required doses than current treatment.						
Area Medical Lab	**PFDOS**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**
A system to provide medical laboratory capabilities to deployed forces.						
Armored Medical Evacuation Vehicle	**EMD**	**III**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**
A Bradley Fighting Vehicle varient, the AMEV is intended to overcome shortfalls of the M113 including increased mobility, survivability and maintainability and greater medical capability.						
Armored Medical Treatment Vehicle	**EMD**	**III**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**
Intended to provide a protected workspace for the treatment of casualties in direct support of mechanized and heavy forces.						

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Armored Security Vehicle	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, LTV**	**PJ**	**DSA, TACOM**

The Armored Security Vehicle (ASV) is a turreted, lightly armored all-wheel drive vehicle that provides ballistic protection, overhead protection and protection against landmines. The ASV accepts the MK-19 Grenade Machine Gun, the M-2 .50 caliber machine gun and the M249 5.56mm Squad Automatic Weapon (SAW) machine gun. The ASV will be transportable by C-130 and larger aircraft, rail and marine modes. The ASV will be capable of carrying four persons. The vehicle will have a diesel engine, automatic transmission, central tire inflation system and a payload of 3,360 pounds.

Army Data Distribution System (Enhanced Position Location Reporting System) (ADDS) (EPLRS)	**PFDOS**	**II**	**PEO, C3S (BG Boutelle)**	**PM, TRCS**	**PD**	**PEO, C3S**

ADDS (EPLRS) is a direct outgrowth of the USMC PLRS and will provide battlefield commanders combat information on the position of their forces in addition to supporting the majority of the data needs of the multitude of computers to be fielded as part of the Army Tactical Command and Control System (ATCCS). The ADDS (EPLRS) consists of a Net Control Station which is used to manage up to 460 Enhanced PLRS User Units (EPUUs). The EPUU is a 28 pound medium-speed data radio that can be configured as a Manpack Unit, a Surface Vehicle Unit and an Airborne Vehicle Unit, providing the capacity for medium and high volume data distribution communication on a near real-time basis, position location and navigation, and situational awareness for Army tactical commanders to reduce fratricide.

Army Data Distribution System (Near Term Digital Radio System) (ADDS (NTDRS))	**PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, TRCS**	**PD**	**PEO, C3S**

The ADDS (NTDRS) creates the Army communications data backbone from platoon to brigade for Force XXI. It includes two major products: Enhanced Position Location Reporting System (EPLRS) and Near-Term Digital Radio System (NTDRS). The EPLRS provides data distribution and position/navigation services in near real time for the warfighter at brigade and below level, in support of Battlefield Functional Area hosts and the Force XXI Battle Command Brigade and Below (FBCB2) program. EPLRS consists of a Network Control Station and EPLRS User Units (EPUUs) that can be configured as a Manpack Unit, a Surface Vehicle Unit, and an Airborne Vehicle Unit. EPLRS uses time-division, multiple-access communications architecture to avoid transmission contention along with frequency hopping, error detection, and correction with interleaving. It also uses spread spectrum technology to provide jamming resistance. The NTDRS is a largely non-developmental item (NDI) R&D program that fulfills the Army's near-term requirements for a higher-capacity data network between critical nodes within the Tactical Internet. Consisting of wideband data radios and Network Management Terminals, the NTDRS provides additional network capacity in the timeframe required for the First Digitized Division (FDD). The NTDRS will be the primary data hauler between the Brigade Tactical Operations Centers (TOC), the Battalion TOCs, high data rate logistics hosts and all mobile TOCs. It will help support the MSE TPN and EPLRS data networks for the FDD. It also provides: operation on-the-move in all terrain and foliage, Tactical Multinet Gateway/Internet Controller interfaces for seamless links with SINCGARS data, MSE TPN, and EPLRS data nets, compliance with the Joint Technical Architecture-Army and secret high system operations.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Army Key Management System (AKMS)	**EMD/PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, WIN-T**	**PJ**	**PEO, C3S**

AKMS is the Army's system to automate the functions of Communications Security (COMSEC) key management control and distribution, Electronic Counter-Countermeasures (ECCM) generation and distribution and Signal Operation Instructions (SOI) management. The program is under the auspices of Product Manager Communications Management Systems. AKMS will electronically generate and distribute Army key and key-related material, thereby limiting adversarial access to, and reducing the vulnerability of, Army Command, Control, Communications, Computers and Intelligence (C4I) systems. AKMS capabilities will also increase operational flexibility and reduce force response time. It provides communications and network planning and key management. The AKMS automates key generation and distribution while supporting joint interoperability. Direction was provided in Fiscal Year 98 to separate the Local COMSEC Management Software (LCMS) from the Automated Communications Engineering System (ACES). LCMS is the COMSEC accounting and generation software and ACES is the network planning software. This action will insure interoperability with the other services, improve the user acceptance of the system, and allow the Project Manager to more efficiently maintain configuration management for existing and future Army systems. AKMS is part of the management/support infrastructure for the Warfighter Information Network-Terrestrial (WIN-T) program, which provides critical functions for the Army's digital systems and Force XXI digitization effort.

Army Recruiting Information Support System (ARISS)	*****	**IAC**	**ARMY CIO (LTG Campbell)**	**PM, ARISS**	**PD**	**PEO, STAMIS**

ARISS will provide the Army standard software tools and associated automation infrastructure to support the overall Army recruiting mission. ARISS will aid Army recruiters in achieving new accession goals in an era of dwindling resources.

* This system is being developed in blocks, software packages or increments and consequently cannot be placed in phases.

Army Space Heater	**PFDOS**	**IV**	**Dir, CECOM LRC (Mr. LaPlaca)**	**CECOM LRC**	**Item/System Manager**	**DSA, CECOM**

A diesel fueled, electric motor driven, clean air heater which replaces the gasoline fueled Herman Nelson heater.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Army Tactical Missile System -- Anti-Personnel Anti-Materiel BLOCKS I/IA (ATACMS--APAM)	PFDOS	IC	AAE (Mr. Hoeper)	PM, Imp ATACMS	PD	PEO, TAC MSL

The Army Tactical Missile System (ATACMS) provides long-range, surface-to-surface fire support for U.S. Army Corps and Division operations. The ATACMS Blocks I and IA are ground-launched missile systems consisting of a surface-to-surface guided missile with an anti-personnel/anti-materiel (APAM) warhead. The ATACMS with APAM attacks soft targets at extended ranges. Targets include surface-to-surface missile sites, air defense systems, logistics elements, and command, control, and communications complexes. The ATACMS Block IA, with enhanced Global Positioning System (GPS) accuracy, has approximately twice the range of the ATACMS Block I. The contractor completed deliveries of the Block I missile in July 1997. Block I saw combat action in Southwest Asia during Operation Desert Storm effectively destroying high priority targets. Block IA will begin fielding in FY98, and retrofit of existing launchers to Block IA capability will occur simultaneously with missile fielding.

Army Tactical Missile System -- Brilliant Anti-Armor Submunition (ATACMS-BAT)	PFDOS	ID	USD(A&T) (Dr. Gansler)	PM, ATACMS-BAT	PJ	PEO, TAC MSL

The Army Tactical Missile Systems (Army TACMS) provides long-range, surface-to-surface fire support. The Army TACMS Blocks I and IA are ground-launched missile systems consisting of a surface-to-surface guided missile with an anti-personnel/anti-materiel (APAM) warhead. The Army TACMS with APAM is used to attack soft targets at extended ranges. Army TACMS missiles are fired from the modified M270 launcher and are capable of engaging targets at ranges well beyond the capability of existing cannons and rockets. The Army TACMS Block 1A, with enhanced GPS, has approximately twice the range of the Army TACMS. The Army TACMS block II is a modification of the currently fielded and combat proven Block I missile family. The Block II will deliver 13 BAT or P3I BAT submunitions deep into enemy territory where they will autonomously attack and destroy numerous high-payoff targets. The Army TACMS Block IIA is an extended range version of the Block II missile and will carry 6 P3I BAT submunitions to significantly extended ranges.

Army Threat Simulators	PDRR/EMD/PFDOS	III	CG, STRICOM (BG Bond)	PM, ITTS	PJ	CG, STRICOM

The Threat Simulators program consists of hardware simulators and software simulations of threat weapons systems required for US Army testing and training. These systems provide a realistic opposing force environment for developmental and operational Test and Evaluation of Army tactical systems and meet selected Tri-Service requirements.

Asset Management System (AMS)	PFDOS	III	CG, MTMC (MG Privratski)	PM, AMS	PD	CG, MTMC

A LAN Client/Server and Web based Automated Information System designed to support the management of commercial leased/purchased and DOD-owned intermodal containers and the Defense Freight Railway Interchange Fleet.

AT-4 Multi-purpose Weapon Trainer	PFDOS	IV	DSA, TACOM (COL(P) Harrington)	TACOM (ACALA)	PG	DSA, TACOM

This ammunition is being procured to support training on the AT-4 system.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Automated Information Technology (AIT)	**	IAC	PEO, STAMIS (Mr. Carroll)	PM, AIT	PD	PEO, STAMIS

AIT is a contract vehicle to provide a suite of commercial hardware peripherals used to automate data collection, making possible a number of initiatives that increase productivity and operational efficiency throughout the Department of Defense.

** These products/projects are hardware platforms, devices, and/or peripherals for other STAMIS/ARMY/OSD and cannot be placed in phases.

Automated Integrated Survey Instrument (AISI)	PFDOS	IV	DSA, AMCOM (BG(P) Armbruster)	PM, TMDE	PJ	DSA, AMCOM

An electronic total station survey instrument which provides the surveyor with a single instrument to achieve all functions formally carried out with theodolites, tapes, and distance measuring devices.

Automatic Building Machine (ABM)	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM

The ABM is a commercially available mobile factory that enables engineers to quickly construct metal buildings.

Automatic Chemical Agent Alarm (ACADA) M22	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, NBC Defense	PJ	DAR, SBCCOM

The Automatic Chemical Agent Alarm/Non-Developmental Item (ACADA/NDI) is a man portable automatic alarm system capable of detecting blister and nerve agents. The ACADA/NDI operates with no human interference after system start-up, detects automatically for a minimum of 24 hours, provides audio and visual alarms, and has a communication interface to support battlefield automation systems. The ACADA/NDI meets the critical needs of the U.S. Forces for an automatic point sampling chemical agent alarm.

AVENGER Weapon System	PFDOS	IV	DSA, AMCOM (BG(P) Armbruster)	PM, SHORAD	PJ	DSA, AMCOM

AVENGER is the Line-of-Sight-Rear component of the Forward Area Air Defense program.

Aviation Combined Arms Tactical Trainer - Aviation Reconfigurable Manned Simulation (AVCATT-A)		III	CG, STRICOM (BG Bond)	PM, CATT	PJ	CG, STRICOM

AVCATT-A is the second acquisition in the CATT family. It includes an expansion of the CCTT infrastructure (terrain, SAF, AAR, etc.) and addition of reconfigurable manned modules to support Aviation Collective training tasks. AVCATT-A supports Total Army training, with fielding to both the Active Army and Reserve/National Guard. AVCATT-A will be capable of both stand-alone Aviation focused training and linking with CCTT for robust Combined Arms training exercises. The addition of AVCATT-A to the CATT family greatly benefits the Army, allowing critical Air-Ground synchronization tasks to be trained and practiced.

Program	Current	ACAT	MDA (Name)	PM	PM Level*	Organization Reports To
Aviation Fuel Testing Kit	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**
The Aviation Fuel Testing Kit is a self-contained, portable test kit used to test aviation fuels to ensure that only dry, uncontaminated fuels are used.						
Aviation Ground Power Unit (AGPU)	**PFDOS**	**IV**	**DSA, AMCOM (BG(P) Armbruster)**	**WSM AGSE**	**PD**	**DSA, AMCOM**
Self-propelled, turbine powered cart which provides hydraulic, AC/DC power, and pneumatic power for UH-60, OH-58D, CH-47, and AH-64 aircraft.						
Aviation Maintenance Shelter	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**
The AMS will be a portable, lightweight temporary facility to support Army rotary-wing and fixed-wing aircraft maintenance in forward operational areas without fixed facilities. The AMS is needed by all aviation maintenance units and will be capable of sheltering the following aircraft: UH-60, CH-47D, AH-64, OH-58D, MH-60K, MH-47E, C-12, and RC-12 aircraft. The AMS will be used at Intermediate Staging Bases and at semi-fixed sites supporting a wide variety of contingency operations.						
Aviation Mission Planning System (AMPS)	**PFDOS**	**III**	**PEO, AVN (MG Snider)**	**PM, AEC**	**PJ**	**PEO, AVN**
The Aviation Mission Planning System is a planning/battle synchronization tool that will automate aviation mission planning tasks. It will also provide generation of mission data in either hard copy or electronic formats. The AMPS includes tactical command and control, mission planning, mission management, and maintenance management. The AMPS interfaces with the Maneuver Control System and associated networks. This interface will furnish the aviation commander with continuous situational awareness, allowing the commander to rapidly adjust his plan to accomplish his assigned mission.						
Aviator's Night Vision Imaging System Heads Up Display (ANVIS HUD)	**PFDOS**	**III**	**PEO, IEW&S (MG Gust)**	**PM, NV/RSTA**	**PJ**	**PEO, IEW&S**
The Heads Up Display (HUD) is a modification to the GEN III Aviator's Night Vision Imaging System which allows crew members to spend more time looking through their windshields and less time looking down at their instrument panels. The HUD places critical aircraft symbology as an overlay to their goggle image.						
Ballistic Hardened Shelter	**PDRR**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**
This effort will provide a HMMWV mounted shelter with inherent ballistic protection. Several programs, including THAAD and GBR have a requirement for increased survivability of personnel and mission equipment through increased ballistic protection. Modeling and Simulation will be used to analyze and develop a structural design that balances protection afforded and system weight. Techniques to be investigated and evaluated include external protective blankets, internal protective drapes, wall construction with kevlar, ceramic, or spectra material skin.						

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Ballistic Missile Targets Joint Program Office	*	III	SMDC (LTG Costello)	PM, BMT JPO	PJ	SMDC

As an integral part of the US Army Space and Missile Defense Command (USASMDC), the BMTJPO develops and provides ballistic missile targets for testing of critical Army, Navy, and Air Force missile defense systems and technology programs. The BMTJPO serves as the executing agent for the Ballistic Missile Defense Organization's (BMDO) Consolidated Targets Program. As such, it manages requirements analysis, acquisition, technical development, instrumentation, integration, and launch of all ballistic missile targets in support of Joint-Service theater and national missile defense requirements. The consolidated targets suite provides highly complex targets to support Major Defense Acquisition Programs (MDAP) such as Theater High Altitude Area Defense (THAAD), Patriot, Navy Theater Wide, Navy Area Wide, USAF Airborne Laser, and Ground Based Interceptor (GBI). It encompasses the use of a wide variety of targets necessary to replicate threat missile signatures for use as Theater Missile Defense targets, and many reentry vehicles, replicas, decoys, and penetration aids dispensed from the Multi-Service Launch System (MSLS) or the Strategic Target System (STARS) boosters for National Missile Defense targets. This office also provides close coordination of Army missile defense technologies to ensure that advancements in sensors, weapons, and other technologies are integrated into developing target systems.

* Due to the nature of the program, systems are in various acquisition phases.

Ballistic Protective System	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM

The Ballistic Protective System is a lightweight, modular system designed to provide ballistic protection to soldiers in vehicles and shelters as well as to static equipment such as ammunition stores.

Ballistic Protective System (BPS)	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM

BPS provides fragmentation protection against indirect fire munitions for supplies and equipment. The BSP consists of modular interlocking panels which have an outer shell of camouflage patterned fabric that reduces threat identification. An inner layer of flexible, ballistic-resistant material provides protection from fragmentation. The panels include a V50 rating of 1500 feet per second velocity for 44-grain fragments and weigh approximately 1.2 lbs per square foot. One complete system includes sufficient panels to cover a fully loaded Palletized Loading System flatrack.

Barge Derrick, 100-250 Ton	PFDOS	IV	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM

A steel constructed craft capable of off-loading cargo from existing and projected shipping through the year 2020. Will have living accommodations for 15.

Base Shop Test Facility	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, TMDE	PJ	DSA, AMCOM

The Base Shop Test Facility (BSTF) is a member of the Integrated Family of Test Equipment (IFTE) and provides general purpose automatic electronic testing capability at the direct and general support levels of maintenance. The BSTF in the field is self-contained, consisting of the tester and associated test program sets mounted in two S-280 shelters, on two five-ton trucks, powered by two 60kW generators. The IFTE was designated a DOD standard family of testers in Apr 94.

Program	Current	ACAT	Program Mgr (Name)	PM	PM Level*	Organization Reports To
Battlefield Combat Identification System (BCIS)	EMD	II	AAE (Mr. Hoeper)	PM, CID	PD	PEO, IEW&S
BCIS is a millimeter wave question and answer friend identification system to reduce battlefield fratricide.						
Binoculars, Mini M24	PFDOS	IV	PM, Soldier (COL Jette)	PM, Enhanced Soldier Systems	PD	DAR, SBCCOM
Light weight, miniature binocular capable of fitting in the cargo pocket of the BDU. In support of the soldier enhancement program.						
Binoculars, Stabilized XM25	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
This program will provide a high power stabilized binocular for use as a surveillance and battle damage assessment device. This program in support of the Soldier Enhancement Program.						
Biological Integrated Detection System (BIDS)	PFDOS	III	JPM, BD (BG Cain)	PD, BD	PJ	JPO, BD
BIDS is an integrated biological detection suite employing complementary technologies for large area detection, identification and warning that a biological attack has occurred. The system is installed in an M-788 shelter which is mounted on an M-1097 HMMWV. BIDS is a three phased program. The first 38 BIDS NDI systems were fielded to the 310th Chemical Company in 4QFY96 . The second company of 38 BIDS P3I systems are being fielded to the 7th Chemical Company at Ft. Polk. Fielding will be completed 4QFY99 . The third company of 38 BIDS systems will be fielded with the Joint Biological Point Detection System (JBPDS) beginning in FY 01. The JBPDS is a common biological detection suite utilized by all the Services.						
BLACK HAWK (UH-60) Utility Helicopter	PFDOS	IC	AAE (Mr. Hoeper)	PM, Utility Helicopter	PJ	DSA, AMCOM
The Black Hawk (UH-60) is a utility, tactical, transport helicopter. It is the primary helicopter for air assault, general support, and aeromedical evacuation units. Modified Black Hawks also fulfill command and control, electronic warfare, and special operations roles. An 11-man, fully equipped infantry squad can be carried in one Black Hawk. The Black Hawk also is the first utility and assault helicopter that adds to the Army's Division-level mobility; for example, it can reposition a 105 mm howitzer, its crew of six, and up to 30 rounds of ammunition in a single lift. The aircraft's critical components and systems are armored or redundant to enable it to withstand multiple small arms hits, and its airframe is designed to progressively crush on impact to protect the crew and passengers in a crash. Ease of maintenance in the field was designed into the Black Hawk from the beginning. The Army began fielding the UH-60 in 1978. Between 1978 and 1989 the Army procured UH-60A model aircraft. In October 1989, the power train system was upgraded, resulting in a model designation change from UH-60A to UH-60L. The Army continues to procure Black Hawks under a multi-year, multi-service contract. Current procurement objective is 1763. The Army plans to initiate (FY02) a Service Life Extension Program (SLEP) to convert the aging UH-60A models to the UH-60L+ configuration to support Army XXI requirements. The Army plans to convert UH-60A model aeromedical evacuation helicopters to the UH-60Q configuration with enhanced capabilities to meet this mission. This program will be initiated with the SLEP in FY02 to provide mutual leveraging and cost savings.						

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Boresights for Aimpoint and Thermal Systems (BATS)	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Provides a small arms dry zeroing/boresighting device for thermal. infrared laser pointer and close combat optics-weapon configurations. It is desired to maximize commonality with existing M30 components.

Bradley Fire Support Vehicle (BFIST)	**EMD/LRIP**	**III**	**PEO, GCSS (MG Michitsch)**	**PM, BFVS**	**PJ**	**PEO, GCSS**

The BFIST provides an integrated Bradley-based fire support platform that allows company fire support teams and battalion/brigade fire support officers to plan, coordinate, execute, and direct timely, accurate indirect fires.

BRADLEY FVS Upgrade	**EMD**	**IC**	**AAE (Mr. Hoeper)**	**PM, BFVS**	**PJ**	**PEO, GCSS**

The Bradley M2A3 Infantry / M3A3 Cavalry Fighting Vehicle (IFV/CFV) provides infantry and cavalry fighting vehicles with digital command and control capabilities, significantly increased situational awareness, enhanced lethality and survivability, and improved sustainability and supportability. The Bradley A3 Low Rate Initial Production (LRIP) in July 1997.

Bradley Linebacker	**PFDOS**	**III**	**PEO, GCSS (MG Michitsch)**	**PM, BFVS**	**PJ**	**PEO, GCSS**

The M6 Bradley Linebacker is a dedicated Forward Area Air Defense (FAAD) for the heavy maneuver forces that provides equivalent signature, survivability, and mobility. The system can engage and defeat a variety of threat platforms including rotary wing aircraft, unmanned aerial vehicles, cruise missiles, fixed wing aircraft, and other air defense systems. The Linebacker is a BFVS A2 ODS, modified by replacing the TOW launcher with a four-missile STINGER launcher. This modification provides the crew with the capability of conducting a ground-to-air engagement while remaining under armor protection. The Linebacker also incorporates the Forward Area Air Defense Command and Control System (FAADC2) software on a Handheld Terminal Unit (HTU). By integrating GPS and FAADC2 the Linebacker provides an automated Slew-to-Cue function.

Bunker Defeat Munition (BDM)	**PFDOS**	**IV**	**DSA, TACOM (COL(P) Harrington)**	**ARDEC**	**Item/System Manager**	**DSA, TACOM**

Disposable, shoulder-fired 83mm munition for neutralizing earth and timber bunker fortifications.

C23 Fixed Wing Aircraft	**PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, Fixed Wing Aircraft**	**PD**	**DSA, AMCOM**

Twin turbo prop, high wing, cargo aircraft. Capable of operations from unimproved runways. Equipped for paradrop, medevac, cargo missions with rear ramp.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
C4I Simulations Systems (C4ISS)	**PDRR/EMD**	**III**	**CG, STRICOM (BG Bond)**	**PM, C4ISS**	**PD**	**CG, STRICOM**

C4ISS program integrates specific activities of ground warfare (engagement and maneuver), Command Control Communications Computers and Intelligence (C4I), combat support and combat service support. One major component is OneSAF, a composable, next generation CGF that represents a full range of operations, systems and control processes from individual combatant and platform to battalion level. OneSAF provides a variable level of fidelity that supports all modeling and simulation (M&S) domains and employs appropriate representations of the physical environment and its effect on simulation activities and behaviors. A second major component, STOW-A, develops (within the Army) a capability to operate in a distributed, seamless, interactive environment between selected live, virtual and constructive simulations linked to Command Control Communications Computers Surveillance and Reconnaissance (C4ISR) systems.

Calibration Sets Equipment	**EMD/PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, TMDE**	**PJ**	**DSA, AMCOM**

The Calibration Sets Equipment program provides calibration standards, auxiliary equipment, accessories, and repair equipment required for the Army's test, measurement, and diagnostic equipment (TMDE) calibration and repair program. This equipment is used by direct support/general support maintenance units to verify accuracy of TMDE and ensure legal traceability to standards established and maintained by the U.S. National Institute of Standards and Technology.

Camouflage Cover, Concealment and Detection Avoidance Shelter	**PDRR**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Camouflage, Concealment and Detection Avoidance Shelter is a 2 year streamlined R&D program that begins in FY00. It will develop a capability to provide rigid wall shelters a reduced signature with respect to visual, thermal, near IR, and radar detection without the use of external camouflage netting. This program will provide signature management as an inherent part of the shelter.

Camouflage Facepaint / Insect Repellent Combination	**CE**	**IV**	**CG, MRMC (MG Parker)**	**RAM, MIDRP**	**PJ**	**USAMRMC**

Incorporation of insect repellent in a camouflage face paint to facilitate application and prevent adverse reactions between the two.

Campylobacter Vaccine	**PDRR**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

A vaccine to protect against a major cause of diarrheal illness both in CONUS and in the third world.

Canister-Launched Area Denial System (CLADS)	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

Deploys a variety of non-lethal payloads from a Volcano canister to create rapidly emplaced non-lethal barriers. Uses Volcano Dispenser half rack on a HMMWV.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Carbine, M4	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

The M4 Carbine is a smaller, lighter version of the M16A2 rifle. It is a 5.56mm, gas operated, air-cooled, magazine-fed, selective rate shoulder fired weapon. It is fed by a 30 round aluminum magazine and is designed for use in close quarters. It is the fleet replacement weapon for the .45 caliber M3 submachine gun and selected M9 and M16 series weapons.

Cargo Bed Covers	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

Cargo Bed Covers are low-cost, lightweight, general purpose enclosures designed to protect mission equipment from the harmful effects of environmental exposure.

Cargo Utility GPS Receiver (CUGR) AN/ASN-175	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, GPS**	**PD**	**DSA, CECOM**

The CUGR is a self-contained, six channel aircraft receiver that processes GPS signals and provides position, velocity, and time (PVT) information.

Causeway Systems	**PFDOS**	**IV**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The Causeway System includes the Floating Causeway, Causeway Ferry and the Roll On/Roll Off Discharge Facility. They are powered/non-powered modular building blocks that allow movement of cargo in a Logistics Over the Shore (LOTS) environment across unimproved beaches/waterways in areas of the world where fixed port facilities are unavailable, denied or unacceptable.

CHAPARRAL Guided Missile System	**PFDOS**	**IV**	**DSA, AMCOM (BG(P) Armbruster)**	**WSM Hawk**	**PJ**	**DSA, AMCOM**

CHAPARRAL Guided Missile System is a standard short-range, low altitude, forward area, air defense system.

Chaplains Logistic Support Package	**PDRR**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The CLSP is needed to enhance the ability of Brigade and Battalion level Unit Ministry Teams' capability to carry ecclesiastical supplies, administrative supplies, and computer hardware in a consolidated package wherever they travel on the battlefield. The CLSP container will carry two packaged chaplain resupply kits, a notebook computer, assorted publications, forms and personal religious items required by the chaplain. The container will function as an altar/field desk.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Chemical Demilitarization	**EMD/PFDOS**	**IC**	**AAE (Mr. Hoeper)**	**PM, Chemical Demilitarization**	**PG**	**ASA(ALT)**

The Program Manager for Chemical Demilitarization (PMCD) is the executive agent responsible for destroying all U.S. chemical warfare related materiel while ensuring maximum protection of the public, personnel involved in the destruction effort, and the environment. Public Laws and the Chemical Weapons Convention (CWC) mandate destruction of the U.S. chemical agents and weapons by 29 April 2007. The Chemical Demilitarization Program encompasses three subordinate projects: Chemical Stockpile Disposal Project (CSDP), Alternate Technologies and Approaches Project (ATAP), Non-stockpile Chemical Materiel Project (NSCMP), and Cooperative Threat Reduction (CTR). The CSDP is responsible for destroying America's stockpiled chemical weapons, stored at eight sites in the continental United States and at Johnston Island in the Pacific Ocean. Operating incineration-based chemical demilitarization facilities exist at Johnston Island and Toelle, Utah. Chemical demilitarization facilities are under construction at Umatilla, Oregon; Anniston, Alabama; and Pine Bluff, Arkansas. The ATAP is responsible for the necessary activities to pilot test two neutralization-based processes for the disposal of distilled mustard agent and nerve agent VX stored at Aberdeen Proving Ground, Maryland, and Newport Chemical Depot, Indiana, respectively. The NSCMP mission is to provide centralized management and direction to the Department of Defense for the disposal of non-stockpile chemical materiel. Five primary mission areas of the NSCMP are disposal of binary chemical weapons, destruction of former production facilities, disposal of miscellaneous chemical warfare materiel, disposal of recovered chemical weapons, and identification and disposal of buried chemical weapons. CTR, funded through the Defense Threat Reduction Agency (Nunn-Lugar Appropriation), is responsible for assisting the Russian Federation in their chemical weapons destruction program. The two primary missions are establishing the first Chemical Weapons Destruction Facility in Russia and a Central Chemical Weapons Destruction Analytical Laboratory.

Chemical/Biological Protected Shelter (CBPS)	**PFDOS**	**IV**	**Acq Ex, SBCCOM (Mr. McKivrigan)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

Highly mobile, CB protected shelter to provide a contamination-free, environmentally controlled working area for a battalion aid station singly, or, when joined with another CBPS, a division clearing station. It reduces set-up time, increases usable floor space, improves airlock operations and ventilation, and reduces reliance on prime movers.

Chemically Protected Deployable Medical Systems (CP DEPMEDS)	**EMD**	**IV**	**DAR SBCCOM (COL(P) Mangual)**	**System Manager**	**Item/System Manager**	**CG, SBCCOM**

The CP DEPMEDS is a kit that will be fielded with select DEPMEDS hospitals to convert the hospital into a fully operational environmentally controlled, collectively protected medical treatment facility. The CP DEPMEDS will provide a clean, toxic free environmentally controlled patient treatment area maximizing the use of existing equipment. The following components are required to be added to existing DEPMEDS hospitals to provide a fully operational collectively protected field hospital: M28 Collective Protection Equipment (CPE), CB ISO Shelter Seals, CB Protected Water Distribution System, CB Protected Latrines, Low Pressure Alarms and CB Protected Environmental Control Units (ECUs) and Heaters. CP DEPMEDS is a Multi-Service program with the Air Force and is fully supported by the OSD-CB Defense program. The system is scheduled for MSIII decision in 2QFY00.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Close Combat Optics, M68	**PFDOS**	**III**	**DSA, TACOM**	**PM, Small Arms**	**PD**	**DSA, TACOM**
			(COL(P) Harrington)			

An optic sight which enhances the combat effectiveness of the M16A2 Rifle and M4 Carbine. The sight allows the soldier to fire the weapon with both eyes open.

A Soldier Enhancement Program supporting the Land Warrior Program.

Close Combat Tactical Trainer (CCTT)	**PFDOS**	**II**	**AAE**	**PM, CATT**	**PJ**	**CG, STRICOM**
			(Mr. Hoeper)			

The CCTT program provides for the development and fielding of a networked system of interactive computer driven simulators, emulators, and semi-automated forces that replicate combat vehicles and weapon systems, combat support systems, combat service support systems, and command and control systems to create a fully integrated real-time collective task training environment. These trainers enhance realism and allow soldiers and units to learn tactical combat lessons in maneuver, command and control, and improved teamwork for increased survivability, combat effectiveness and warfighting skills.

Cockpit Air Bag System (CABS)	**EMD**	**III**	**PEO, AVN**	**PM, ACIS**	**PJ**	**PEO, AVN**
			(MG Snider)			

The CABS is a crash activated, inflatable protection system for application to the Army rotary wing Force Modernization fleet. It provides aircrew members improved crash survivability and reduced potential injuries and fatalities by rapid deployment during the onset of a crash, supplementing the current restraint system in a survivable crash. Joint Service application of CABS to similar aircraft is being pursued.

Collapsible Buttstock, M5	**PFDOS**	**IV**	**TACOM (ACALA)**	**TACOM (ACALA)**	**PG**	**DSA, TACOM**
			(Mr. Morgan)			

Provides a collapsible buttstock (CBS) for use on the M249 SAW machinegun. The CBS will enhance maneuverability in airborne and MOUT operations. In support of Soldier Enhancement Program.

Comanche (RAH-66)	**PDRR**	**ID**	**USD(A&T)**	**PM, Comanche**	**PG**	**PEO, AVN**
			(Dr. Gansler)			

The Comanche will perform the armed reconnaissance mission for attack helicopter and air cavalry units. The Comanche will significantly expand the Army's capability to conduct reconnaissance operations in all battlefield environments, adverse weather, and during day or night operations. The Comanche will protect the force using its advanced electro-optical sensors, aided target recognition, and sensor/weapons integration. Comanche's digital communications capacity allows interface with JSTARS and other joint sensors and weapons platforms. Comanche's design for rapid rearm, refuel, and repair will provide increased operation tempo. Low observability, target recognition, and digitized communications provide the capability to conduct deep precision strike missions against time sensitive targets. The Comanche will replace three types of helicopters currently performing the armed reconnaissance mission: AH-1, OH-58, and OH-6.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Combat Service Support Automated Information Systems Interface (CAISI)	**	IV	PEO, STAMIS (Mr. Carroll)	PO, TACMIS	Project Officer/Director	PEO, STAMIS

CAISI provides STAMIS users the capability to electronically exchange information with other tactical/sustaining base automation systems via commercial and tactical communications networks. This tactical connectivity capability extends from the Theater level to the Brigade Support Area.

** These products/projects are hardware platforms, devices, and/or peripherals for other STAMIS/ARMY/OSD and cannot be placed in phases.

Combat Service Support Control System (CSSCS)	EMD/LRIP	II	PEO, C3S (BG Boutelle)	PM, STCCS	PD	PEO, C3S

The Combat Service Support Control System (CSSCS) provides timely situational awareness and force projection information to determine capability to support current operations and sustain future operations. CSSCS is a decision-support system that assists commanders and their staffs in planning and executing CSS operations. The CSSCS will rapidly collect, store, analyze, and disseminate critical logistics, medical, financial and personnel information. Currently, CSS commanders and staffs manually gather, correlate, and analyze volumes of technical data from the existing Standard Army Management Information Systems (STAMIS) and the Army Tactical Command and Control Systems (ATCCS). The CSSCS extracts summary information from the STAMIS, accepts input from other elements of the CSS community, and exchanges information with other automated systems to evaluate CSS information with other automated systems to evaluate CSS information about the force-level commander's tactical courses of actions. The CSSCS is the combat service support component of the Army Battle Command System (ABCS). The CSSCS is organic to CSS units and headquarters staffs, within the maneuver brigades, separate brigades, armored cavalry regiments, divisions, corps, and Echelons Above Corps (EAC). The CSSCS is comprised of computer units procured through the Project Manager (PM) ATCCS , Product Managers for Common Hardware (CH) and Common Software (CS) for Common Operating Environment (COE) Software and CSSCS-unique software. The CSSCS is deployed in a tent configuration and can also be housed in the family of Standardized Integrated Command Post Systems (SICPS) provided by PM Tactical Operations Center/Air and Missile Defense Command and Control System (TOC/AMDCCS).

Command and Control Vehicle	EMD	III	PEO, GCSS (MG Michitsch)	PM, BFVS	PJ	PEO, GCSS

The Command and Control Vehicle (C2V) is a fully tacked, armored system that will provide battalion-through-corps battle staffs a highly mobile, survivable, and reconfigurable platform capable of hosting current and future Command, Control, Communications, Computer, and Intelligence (C4I) systems. TheC2V integrates the following components: a modified M993 carrier, BFV 600 HP engine, TEC transmission, 10 meter mast system, primary power unit, armored enclosure, individual/collective Bio-Chem system, environmental control system, 1553 data bus, power distribution system, and a reconfigurable C4I Mission Equipment Package (MEP).

Common Bridge Transporter (CBT)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, HTV	PJ	DSA, TACOM

The Common Bridge Transporter (CBT) consists of a combination of a ribbon bridge launcher and retrieval mechanism Load Handling System (LHS) mounted on a Heavy Expanded Mobility Tactical Truck (HEMTT) chassis. The system consists of the transporter, Bridge Adapter Pallets (BAPs) and Boat Cradles. The transporter shall have the capability of transporting, launching and retrieving the fielded ribbon bridge interior bay, ramp bay, bridge erection boat, and bridge adapter pallet. The CBT shall also load/ unload and transport the Palletized Load System (PLS) NATO standard flatracks.

Program	Current	ACAT	Program Manager (Name)	PM	PM Level*	Organization Reports To
Common Hardware Systems (CHS)	**PFDOS**	**II**	**PEO, C3S (BG Boutelle)**	**PM, ATCCS**	**PD**	**PEO, C3S**

The CHS program improves interoperability and lowers life cycle costs by standardizing Battlefield Command and Control (C2) automation through centralized buys of Non-Developmental Items (NDI), standardized protocols and the development of reusable Common Software (CS). The program provides CHS to over 80 Army and Department of Defense customers. Two primary contracts are available with the following hardware: the CHS-2 and Lightweight Computer Unit (LCU) programs, CHS-2 Ultra Computer Unit (UCU), Handheld Terminal Unit (HTU), High Capacity Computer Unit (HCU), Compact Computer Unit (CCU), Notebook Computer Unit (NCU), and the LCU and Tactical Communications Interface Module (TCIM) for interface to tactical radios. These contracts provide commercial, ruggedized and highly ruggedized hardware versions of computers and peripherals. They also provide commercial industry based logistics support that meets the unique requirements of the tactical military units.

Communications Console System (CCS)	**PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, ATC**	**PD**	**DSA, AMCOM**

A communication system switching device for low to medium density air traffic control sites. Targeted sites include locations lacking adequate communications capability or those locations using obsolete AN/FSW-8 communications consoles. This system augments the National Airspace System.

Compactor Hi-Speed Tamp, Self-Propelled	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MHE**	**PD**	**DSA, TACOM**

This is a reprocurement of a Non-Developmental Item (NDI) to fill existing shortages and replace over-aged equipment in construction support units. The compactors will be self-propelled, diesel powered, tamping machines for high speed embankment compaction.

Construction Equipment Service Life Extension Program (SLEP)	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MHE**	**PD**	**DSA, TACOM**

This Army provides SLEP for Construction Equipment (CE). This SLEP program is expected to extend the life of CE equipment by approximately 10-15 years thus saving on overall new procurement.

Contact Maintenance Truck HMMWV (CMTH)	**PFDOS**	**IV**	**TACOM (ACALA) (Mr. Morgan)**	**TACOM (ACALA)**	**PG**	**DSA, TACOM**

The CMTH is a combat support system. It is a self-contained equipment package mounted on an M1097 HMMWV to form a Contact Maintenance Truck. The equipment package consists of an enclosure mounted on the HMMWV truck chassis and contains tools and equipment required for a contact maintenance team to perform limited repairs to disabled equipment onsite.

Containerized Batch Laundry	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Containerized Batch Laundry (CBL) provides the capability to wash and dry 200 pounds of clothes per hour in a safe and clean environment. One CBL can replace two of the current Army M-85 trailer-mounted laundry systems. To conserve water, the system is equipped with water reuse capability capturing up to 30% of the water used. The CBL is currently in production for the Force Provider system.

Program	Current	ACAT	MDA (Name)	PM	PM Level*	Organization Reports To
Containerized Kitchen	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Containerized Kitchen consists of standardized kitchen components (including grill, cooking racks, field ovens) carried in an 8x8x20 ISO container mounted on a tactical trailer. It is a required element of the Army Field Feeding System-Future.

Containerized Self Service Laundry	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

This item allows soldiers to wash their personal clothing. Positioned at brigade support areas, it allows field service companies to move forward to service forward area troops. Consists of commercially available laundering equipment mounted in a standard ISO container.

Containerized Shower	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Containerized Shower provides safe, sanitary and modern shower facilities in mature theaters of operation.

CONUS Freight Management System (CFMS)	**PFDOS**	**III**	**CG, MTMC (MG Privratski)**	**PM, CFMS**	**PD**	**CG, MTMC**

The CONUS Freight Management (CFM) is a DoD-wide, centralized, automated freight rating and routing system capable of routing all DoD domestic freight shipments and domestic portions of export shipments on the basis of best-value. CFM consist of the Electronic Transportation Acquisition (ETA) suite of functionality. ETA provide users with an automated transportation management information system that is capable of meeting transportation requirements in a paperless environment through the functional integration of electronic commerce (EC), as well as electronic data interchange (EDI) on a web based application.

Corps of Engineers Automation Plan (CEAP-IA)	**PFDOS**	**III**	**DISC4 (LTG Campbell)**	**PM, CEAP**	**PJ**	**DCS for Corp Info**

Is operational and is currently fulfilling the requirements for a Corps-wide standard automation and communication platform. The system provides modern information processing support to all engineers, scientists, managers, and other personnel who have the responsibility to accomplish the Corps' mission in military and civil works programs.

Corps of Engineers Financial Management System (CEFMS)	**PFDOS**	**III**	**DISC4 (LTG Campbell)**	**DIR, CEFC**	**PJ**	**DCS for Resrc Mgt**

Supports unique missions of the Corps, such as engineering and construction projects, laboratory work, hydropower, water resources, flood control, and real estate property management. CEFMS performs proprietary accounting for operations as well as budget execution and reporting for Civil Works, Revolving Fund and Military appropriations.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Corps Theater ADP Service Center, Phase II (CTASC-II)	**	IV	PEO, STAMIS (Mr. Carroll)	PO, TACMIS	Project Officer/Director	PEO, STAMIS

CTASC-II is an Army Automated Information System (AIS) currently employed at Corps and Echelons above Corps levels to provide ADP processing support for the Standard Army Retail Supply System (SARSS).

** These products/projects are hardware platforms, devices, and/or peripherals for other STAMIS/ARMY/OSD and cannot be placed in phases.

Counter Intelligence/Human Intelligence (CI/HUMINT)	EMD/PFDOS	III	PEO, C3S (BG Boutelle)	PM, Intel Fusion	PD	PEO, C3S

CI/HUMINT Automated Tools Set (CHATS) is the CI/HUMINT component of the Intelligence and Electronic Warfighter (IEW) sub-element of the Army Battle Command System (ABCS). It is the intelligence automation system that meets the Army tactical CI/HUMINT information collection, investigation, interrogation, operation, document exploitation, and force protection automation requirements. Operating up to the SECRET level, the CHATS enables CI/HUMINT team leaders to manage assets and analyze information collected through investigations, interrogations, collection, and document exploitation. CI teams can store collected information electronically in a local database, associate information with digital photography, interactively generate standard messages, transmit/receive information over existing military and civilian communications, query stored information in local databases and share databases with like systems. CHATS provides these functions using (primarily) a combination of Commercial-Off-the-Shelf and tailored Government-developed software, operating on the CHATS laptop computer within a hardened transport case. CHATS is interoperable with the Defense Counter Intelligence Information System (DCIIS) and is Y2K compliant.

Crane, Shovel Crawler	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MME	PD	DSA, TACOM

The 40 Ton Crawler Crane is a piece of commercial construction equipment that, when combined with various attachments, is capable of performing a selected number of tasks in support of horizontal and vertical construction, quarry and asphalt operations, and off-shore and pier facilities in the areas of maintenance and construction by engineer port construction companies. Typical tasks are construction, repair and maintenance of forward area landing strips, heliports, logistical support facilities, port facilities, roads and bridges. The basic crane-shovel consists of a fully revolving (360 degree) superstructure with a basic 50 foot boom and a 40 ton block tackle. It is capable of being converted for use in lifting, clamshell, dragline, pile driving, wrecking ball, shovel and backhoe operations.

Crane, Truck, Warehouse	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MME	PD	DSA, TACOM

This crane is an industrial warehouse materiel handling crane with a self-propelled rotating and telescoping boom. It is diesel engine driven and can be used on paved or semi-paved surfaces. It is authorized TDE& TDA organizations at depots, ports and army installations. This crane can lift loads up to 10K lb..

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name)	PM	PM Level*	Organization Reports To
Critical Care System for Trauma and Transport	**CE**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

A self-contained system to provide life support and stabilization for casualties during evacuation. It will contain defibrillator, ventilator, vital signs monitoring, fluid infusion and oxygen supply in a single unit.

Crusader: Advanced Field Artillery System / Future Armored Resupply Vehicle (AFAS/FARV)	**PDRR**	**ID**	**USD(A&T) (Dr. Gansler)**	**PM, Crusader**	**PJ**	**PEO, GCSS**

Crusader is an indirect fire support "system of systems" consisting of a self-propelled howitzer and a dedicated resupply vehicle providing support fires to maneuver forces on the future battlefield. The howitzer is a 155mm Self Propelled Howitzer (SPH) system that provides a significant increase in artillery survivability, lethality, mobility, and operational capability and effectiveness through the use and integration of advanced technology in its subsystems and combat components. These technologies include: the modular artillery charge system, the autosettable multi-option fuze, and automated ammunition handling system. The SPH will deliver unprecedented firepower capabilities at extended ranges. The armored Resupply Vehicle (RSV) will provide the foundation for supply of ammunition and fuel for the SPH. Inserting high-payoff technologies in robotics, automation, expert systems, and vehicle electronics, the RSV will provide the necessary ammunition to meet expected firing rates; meet the goals for autonomous operations; and capitalize on cost and operational advantages of component commonality. These systems will displace the M109A6 Paladin and M992A2.

Crushing, Screening and Washing Plant (CSWP)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MME**	**PD**	**DSA, TACOM**

This item is a portable, diesel/electric powered system composed of a primary Jaw Crushing unit, a secondary crushing unit, and a tertiary washing and screening unit, delivery conveyors, power generation equipment, and all other components required to provide a complete and operational crushing and screening plant. The crushing/screening plant produces a minimum of 150 tons per hour of product suitable for base stone and concrete aggregate materials to be used in construction and maintenance of roads and airfields.

CTG, .22 caliber, all types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**

This ammunition is being procured to support rifle and pistol training and competition.

CTG, .38 caliber, M41	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**

This ammunition is being procured to support various pistol applications, mainly for security forces.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
CTG, .45 caliber, match grade	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
This ammunition is being procured to support pistol competition and special forces applications.						
CTG, .50 caliber, all types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
This ammunition is being procured in support of the M2 and M85 Machine Gun.						
CTG, 120mm TP-T, M831A1	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
The 120mm M831A1 Target Practice-Tracer (TP-T) Round is a fixed round which uses a granular propellant system. This round is fired from the M256 120mm smooth bore cannon on the M1A1/M1A2 Abrams Tank. The M831A1 is a training unique item which matches the ballistics of the chemical energy service round (M830).						
CTG, 120mm TPCSDS-T, M865	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
The 120mm M865 Target Practice Cone-Stabilized Discarding Sabot with Tracer (TPCSDS-T) is a target practice round that simulates the ballistics of the Armor Piercing Fin-Stabilized Discarding Sabot with Tracer (APFSDS-T) Round. This round is fired from the M256 120mm Cannon on the M1A1/M1A2 Abrams Tank.						
CTG, 20mm, All Types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
This ammunition is being procured to support COBRA Helicopter training.						
CTG, 25mm, all types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
This ammunition is being procured to support training and combat applications for the Bradley Fighting Vehicle.						

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
CTG, 25mm, M919	**PFDOS**	**III**	**PEO, GCSS (MG Michitsch)**	**PM, TMAS**	**PJ**	**PEO, GCSS**
The M919 is an enhanced armor piercing cartridge with increased penetration and range performance over older armor piercing cartridges that incorporates improved kinetic energy (KE) penetrator materials, consolidated propellants and lower parasitic mass components.						
CTG, 30mm, all types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
This ammunition is being procured to support combat applications on the Apache Helicopter.						
CTG, 40mm, All Types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
This ammunition is being procured to support combat applications on the MK-19.						
CTG, 5.56mm, all types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
This ammunition is being procured in support of the M16A1 and M16A2 Rifles.						
CTG, 60 mm Mortar, IR Illumination XM767	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
A 60mm mortar infrared illumination round with M776 mechanical time fuze.						
CTG, 7.62mm, all types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
This ammunition is being procured in support of the 7.62mm rifle and 7.62mm machine gun.						
CTG, 75mm blank, M337A1	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
This cartridge is being procured for use with the 75mm howitzer. It is used for salute purposes during parades and ceremonies.						

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
CTG, 9mm Ball, M882	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
This ammunition is being procured in support of the 9mm pistol.						
CTG, Arty 105 HERA, M913	**PFDOS**	**IV**	**ARDEC (BG Geis)**	**ARDEC**	**Item/System Manager**	**DSA, TACOM**
The XM913 High Explosive Rocket Assist 105mm artillery round improves light forces capability in the M119 howitzer. It increases range with improved lethality.						
CTG, Arty 105 HERA, XM927	**EMD**	**IV**	**ARDEC (BG Geis)**	**ARDEC**	**Item/System Manager**	**DSA, TACOM**
The XM927 High Explosive Rocket Assist 105mm artillery round provides an increase in range, improved lethality and is compatible with existing howitzers.						
CTG, Arty 105mm DPICM, XM915/XM916	**EMD**	**IV**	**ARDEC (BG Geis)**	**ARDEC**	**Item/System Manager**	**DSA, TACOM**
CTG, Arty 105mm DPICM, XM915/XM916 are 105mm cargo ejecting projectiles. One (XM916) is for use with all 105mm howitzers. The XM915 is for use with the M119 howitzer. These enhance light force capabilities.						
CTG, Mortar 120mm XM929 Smoke	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
A 120MM smoke obscurant mortar round with M745 PD fuze.						
CTG, Mortar 60mm M888	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
A 60mm High Explosive round with M435 PD Fuze.						
CTG, Mortar, 120mm XM930 Illumination	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
A 120mm illumination mortar round with M776 mechanical time fuze.						

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

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First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
CTG, Mortar, 120mm, IR Illumination XM983	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
A 120mm mortar infrared illumination round with M776mechanical time fuze.						
CTG, Mortar, 120mm, M929 Smoke	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
A 120mm smoke obscurant mortar round with M734A1 multi-option fuze.						
CTG, Mortar, 120mm, M931, Full Range Training	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
A 120mm mortar full range training round.						
CTG, Mortar, 120mm, M933 HE	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
120mm high explosive mortar round with M745 PD Fuze.						
CTG, Mortar, 60mm M721	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
A 60mm mortar standard white light illumination round with M776 fuze.						
CTG, Mortar, 60mm M766	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
A 60mm mortar low cost, short range practice round. Reusable (25X), eliminates sabot and separate sub-cal cartridges for each zone.						
CTG, Mortar, 60mm, M720A1 HE	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
A 60MM High Explosive round with M734A1 multi-option fuze.						
CTG, Mortar, 81 mm M880	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
An 81 mm mortar low cost, short range practice round. Reusable (25X), eliminates sabot and separates sabot and separate sub-cal cartridges for each zone.						

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
CTG, Mortar, 81mm M821A1	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
An 81mm mortar high explosive round w/M734 Multi-Option Fuze.						
CTG, Mortar, 81mm XM816	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
An 81mm mortar infrared illumination round with M772 mechanical time fuze.						
CTG, Mortar, 81mm, M889A1	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
An 81mm mortar high explosive round w/M935 Point Detonating Fuze.						
CTG, Mortar, M821A2	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
An 81mm mortar high explosive round with M734A1 multi-option fuze.						
CTG, Mortar, M934, HE	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
120 mm high explosive mortar round with M734 Fuze.						
CTG, Mortar, M934A1, HE	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**
120mm high explosive mortar round with M734A1 Fuze						
Cyanide Pretreatment	**PDRR**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**
An oral formulation which will provide protection against cyanide poisoning.						
DCSS - Digital Equipment	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, DCATS**	**PJ**	**DSA, CECOM**
The Digital Communications Satellite Subsystem (DCSS) encompasses the modulation, multiplex, coding and processing equipment necessary to assemble various types of user data into a digital form suitable for transmission over a satellite link in both the protected and unprotected modes. DCSS is deployed as part of the Defense Satellite Communications System (DSCS) and essentially provides a unique wideband digital transmission capability. DCSS is required at each Earth Terminal Complex with the DSCS Network in either a building or a van configuration, and its modular design permits unique configurations to meet each DSCS site's specific communication requirement.						

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

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First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Defense Advanced GPS Receiver (DAGR)	**EMD**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, GPS**	**PD**	**DSA, CECOM**

The DAGR is a handheld, pocket stored, standalone GPS receiver being designed as the replacement for the Precision Lightweight GPS Receiver (PLGR).

Defense Communications and Army Switched Systems (DCASS)	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, DCASS**	**PJ**	**DSA, CECOM**

Centrally and intensively manages the engineering, acquisition, integration, standardization, synchronization, coordination, integrated logistics support planning, installation, testing and transition of worldwide programs/projects in support of Power Projection, Command, Control, Communications, and Computers Infrastructure, and other strategic information projects as assigned by HQDA, OSD, and the Joint Staff.

Defense Communications and Army Transmission Systems (DCATS)	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, DCATS**	**PJ**	**DSA, CECOM**

The Defense Communications and Army Transmission Systems (DCATS) program office provides strategic satellite and terrestrial communication systems in support of the Defense Communications System (DCS) and Army base information infrastructure systems. These systems support the National Command Authority, strategic DoD components, Army echelons above corps (EAC), and other strategic information infrastructure projects as assigned by OSD, the Joint Staff and HQDA. PM DCATS provides the latest state-of-the-art wideband commercial and military communications equipment available to enhance long-haul transmission system performance.

Defense Data Networks (DDN)	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, DDN**	**PD**	**DSA, CECOM**

Development and fielding of the backbone infrastructure design, the acquisition and integration of state-of-the-art hardware and software into a total system at major Army installations worldwide, and the provision of complete life-cycle support for those systems. Defense Data Networks (DDN) are worldwide, common user, data communications networks that provide long-haul data transport capability and information transport infrastructure to C4I users throughout the military services and DOD agencies. The Army's portion of worldwide Defense Data Networks includes implementation of the Army DISN Router Program to provide Army war fighters with access to wide area data transport in support of power projection,, the Army Common User Installation Transport Network (CUITN) which is the Army's program to install modern, high speed, fiber optic backbone networks at the Army's wide area high speed data network in support of war fighting, peace keeping, and other military operations. These programs are part of the Power Projection. Command, Control, Communications, and Computer Infrastructure (PPC4I) initiative of the DISC4 to upgrade the Army's information infrastructure to transfer large amounts of data within and among major installations in support of split base operations contingency deployments, and other power projection missions.

Defense Message System-Army (DMS-Army)	**PFDOS**	**IAM**	**DoD CIO (Mr. Money)**	**PM, DMS ARMY**	**PJ**	**PEO, STAMIS**

DMS is managed by DISA and USAF is the Procurement Agent. DMS facilitates and coordinates an integrated message system that provides command and control message capabilities for all DoD locations--sustaining to battlefield bases. DMS-Army handles the fielding, integration and sustainment for the Army.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Defense Satellite Communications System (DSCS)	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, DSCS-T**	**PD**	**DSA, CECOM**

The DSCS provides Super High Frequency (SHF) wideband and Anti-Jam (AJ) satellite communications supporting critical national strategic and tactical C3I requirements. It must be survivable during trans- and post- nuclear attack to support communications essential to national survival. The DSCS supports the Army warfighter as well as the unique and vital Department of Defense (DOD) and non-DOD users, as approved by the Joint Staff and/or Secretary of Defense (SECDEF). The DSCS is used in conjunction with the terrestrial transmissions of the Defense Information System Network (DISN) and other communications systems to provide end-to end communications. The DSCS provides long-haul service between the Continental United States (CONUS), over seas locations, and among overseas Worldwide Military Command and Control System (WWMCCS) activities.

Defense Satellite Communications System - Terminals (DSCS-T)/DSCS Mod-of-in-Service Equipment	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, DSCS-T**	**PD**	**DSA, CECOM**

These modifications will modernize the aging Heavy Terminal/Medium Terminal (HT/MT) and AN/GSC-52 medium terminal (MT) so that all Defense Satellite Communications System (DSCS) Super High Frequency (SHF) strategic earth terminals use common electronics and logistics support. The result will extend the life of the terminals, increase readiness, reduce training and logistics support, conserve and improve maintainability. This modernization effort will eliminate system obsolescence, modernize existing equipment and provide component commonality with other existing strategic terminals.

Defense Satellite Communications Systems - Installations (DSCS-I) / DSCS Interconnect Facility	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, DSCS-I**	**PD**	**DSA, CECOM**

DSCS-I centrally and intensively manages the installation engineering, installation, testing and transition of operational systems to the customer for the modernization and replacement of Tri-service satellite communications projects, including Army interconnect facilities. Installs strategic earth terminals for all services as directed by the Joint Staff and Defense Information Systems Agency (DISA) in response to CINC requirements at MILDEP O&M and special user sites. Responsible at Army DSCS sites for installing terminal interconnect facilities, management of facility upgrades and site preparation construction associated with new terminal installation.

Demolition Munitions, all types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**

This ammunition is being procured to support demolition training and disposal operations. Included are a wide variety of initiators, components of demolition firing trains and explosive charges.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Dengue Tetravalent Vaccine (Live-Attenuated)	**CE**	**IV**	**CG, MRMC (MG Parker)**	**RAM, MIDRP**	**PJ**	**USAMRMC**

A vaccine to protect at least 80% of US forces from infection with all 4 stereotypes of dengue virus when deployed to dengue-endemic areas. The only current preventive measures are insect control/repellents to prevent bites with infected mosquitoes.

Deployable Power Generator and Distribution System	**PDRR**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, MEP**	**PJ**	**DSA, CECOM**

This is a joint program involving PM-MEP, the Air Force Systems Command, Air Combat Command (ACC), USA Training and Doctrine Command (TRADOC) and US Army Prime Power Battalion (249th Engr Bn). This effort will modernize and replace the Air Forces' Bare Base (Harvest Eagle/Falcon) and the Army's Prime Power Battalion (249th Engr Bn). This program will acquire, using predominantly commercial components, new generator sets and power distribution systems to replace the current aging, difficult to maintain Harvest Eagle/Falcon and Prime Power assets -- including the older MEP 012A 750 kW diesel generators. Upon satisfactory completion of development, the generator sets will be established as a DoD MEP standard and the remainder of the distribution systems will be type classified/approved by respective Services for acquisition.

Deployable Universal Combat Earth Mover (DEUCE)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MME**	**PD**	**DSA, TACOM**

The DEUCE is a high-speed, high mobility, earth-moving system capable of conducting the following activities: clearing, leveling, and excavation operations in support of mobility, countermobility, survivability, and sustained light engineering missions.

Diaginostic Device for Shigella	**CE**	**IV**	**CG, MRMC (MG Parker)**	**RAM, MIDRP**	**PJ**	**USAMRMC**

Development of a device to rapidly and accurately diagnose shigella infections in individuals in the field.

Diagnostic Device for Dengue	**CE**	**IV**	**CG, MRMC (MG Parker)**	**RAM, MIDRP**	**PJ**	**USAMRMC**

Development of a device to rapidly and accurately diagnose dengue infections in individuals in the field.

Diagnostic Device for Scrub Typhus	**CE**	**IV**	**CG, MRMC (MG Parker)**	**RAM, MIDRP**	**PJ**	**USAMRMC**

Development of a device to rapidly and accurately diagnose scrub typhus (rickettsia) infections in individuals in the field.

Diagnostics for Leishmaniasis	**CE**	**IV**	**CG, MRMC (MG Parker)**	**RAM, MIDRP**	**PJ**	**USAMRMC**

Development of a diagnostic to rapidly and accurately identify leishmania infections in individuals in the field.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Digital BRITE Radar Indicator Tower Equipment (DBRITE)	**PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, ATC**	**PD**	**DSA, AMCOM**

A BRITE-TV type display to ensure flight safety and proper spacing. It is capable of providing the tower controller with positive identification, location, altitude and speed of aircraft within the tower and GCA/FF control zones.

Digital Topographic Support System (DTSS)	**EMD**	**III**	**PEO, C3S (BG Boutelle)**	**PM, CTIS**	**Project Officer/Director**	**PEO, C3S**

The DTSS is a standard, automated, tactical combat support system capable of receiving, reformatting, creating, manipulating, merging, updating, storing, and retrieving digital topographic data, then processing these data into hardcopy and softcopy topographic products. The DTSS accepts topographic and multispectral imagery data from the National Imagery and Mapping Agency standard digital databases and from commercial sources. DTSS functional capabilities include creation of intervisibility, mobility, environmental, 3- terrain visualization and special-purpose products; and the creation, augmentation, modification and management of topographic data. The DTSS will provide updated map background and terrain intelligence information to all the Army Battle Command System (ABCS) workstations on the battlefield, and accept terrain intelligence/data updates from these systems. The DTSS uses the latest Commercial-Off-The-Shelf (COTS) technology in printers, scanners, and computer workstations combined with image processing and geographic information system software. The DTSS will be supported by environmental control units, generators, and communication equipment, which is part of the standard Army inventory. The tactical system will be produced in two variants: the Heavy (DTSS-H) and Light (DTSS-L). The DTSS-H will be housed in a 20-foot ISO shelter and mounted on a standard 5-ton truck. The DTSS-L will be housed in a lightweight multipurpose shelter mounted on High-Mobility Multipurpose Wheeled Vehicle (HMMWV).

Dispenser, Mine M139	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

Carries and dispenses Volcano Canister, mounted on 5-ton truck, M548 or UH-60 Helicopter.

Disperser, Riot Control Agent, Manually Carried: Mid-size, XM37	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Enhanced Soldier Systems**	**PD**	**DAR, SBCCOM**

The XM37 Mid-Size Riot Control Disperser (MRCD) is a Soldier Enhancement Program (SEP). The program is designed to provide a lightweight riot control disperser by examining non-developmental items and resting their suitability for military use. Refill and Repressurization kits that will interface the MRCD with existing military compressors and riot control agent containers are also being developed under a separate SEP. This item is a new capability and will not replace an item already fielded.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Distributed Training Technology Project (DTTP)	**PFDOS**	**IIA**	**ARMY CIO (LTG Campbell)**	**PM, DTTP**	**PD**	**PEO, IS**

The Distributed Training Technology Project (DTTP) was initiated by Congress in FY95 and continues under annual Congressional direction. DTTP provides distance learning classrooms not currently addressed in the Army Distance Learning Plan. The primary mission of the DTTP is to provide access to distributed military readiness training to members of the National Guard who, for geographic or logistical reasons, do not have ready access to other Army distance learning facilities. DTTP facilities are also available to soldiers and civilian support personnel of other Army components for military training and education. The project is on track to complete approximately 200 classroom installations by the end of calendar year 1999. The project's objectives are threefold: Improve readiness by providing greater access to military training and education; lower cost and improve performance through consolidation of common telecommunication requirements and facilitate command, control, communications, and computing within the Army National Guard; and foster economic development, improve educational levels, and provide information access through shared use with the communities in which the Guard is based. Congressional language has also directed DTTP to address training needs in the areas of: Weapons of Mass Destruction, support to FEMA, Partnership for Peace, Youth Programs, and counterdrug activities.

Doppler/GPS Navigation Set (DGNS)	**PFDOS**	**III**	**PEO, AVN (MG Snider)**	**PM, AEC**	**PJ**	**PEO, AVN**

The DGNS provides Army Aviation utility and cargo aircraft with extremely accurate and secure location and velocity information critical to navigation. It also provides Universal Coordinate Time for communication systems and assists in situational awareness and prevention of fratricide.

Dragon	**PFDOS**	**IV**	**DSA, AMCOM (BG(P) Armbruster)**	**WSM Hawk**	**PJ**	**DSA, AMCOM**

The Dragon System is a medium range anti-armor/bunker missile system.

DSCS Operations Control System (DOCS)	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, DCATS**	**PJ**	**DSA, CECOM**

DOCS is comprised of numerous subsystems that provide real-time control of DSCS III Satellites and ground based terminal equipment's. DOCS also provides an enhanced control capability that allows rapid reconfiguration of satellite resources adaptable to deployment requirements of the warfighter.

Dual Mount MK93, Mod 1	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Provides improved weapon mount compatible with both the M2HB .50 cal MG and the MK19 40mm GMG. In support of Soldier Enhancement Program.

Electronic Repair Shelter	**PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, TMDE**	**PJ**	**DSA, AMCOM**

The Electronic Repair Shelter (ERS) provides a capability for field level repair of circuit card assemblies in line replaceable units and shop replaceable units. It consists of a circuit card tester and two or more electronic repair work-stations, all packaged in an environmentally-controlled shelter. The ERS will be fielded to general support maintenance units at corps level and above, and it will reduce operating and support costs by avoiding the need for evacuation of faulty components to depots or contractors' plants for repair.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Embedded Global Positioning System (GPS) Inertial Navigation System (EGI)	**PFDOS**	**III**	**PEO, AVN (MG Snider)**	**PM, AEC**	**PJ**	**PEO, AVN**

The EGI provides Army Aviation scout and attack aircraft with extremely accurate and secure location and velocity information critical to navigation, target acquisition, fire support, assessment of enemy deployments, and logistical support. It also provides Universal Coordinated Time for communication systems and assists in situational awareness and prevention of fratricide.

EMI Hardened Non-Expandable Rigid Wall Shelter	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

This program will incorporate electromagnetic interference shielding into the Army Standard Family ISO Rigid Wall Shelters. It consists of fabric reinforced woven metal cloth and sliding retainer fastening devices, over hinged joints. The fabric reinforced woven metal cloth material will be permanently attached to the adjoining panel surfaces providing continuity with the capability to fold with the hinged panels. In latching panel areas, the same material will be used with the sliding retainer fastening devices to provide quick installation where permanent installation is impossible.

Enhanced Remote Target System (ERETS)	**PFDOS**	**IV**	**TACOM (ACALA) (Mr. Morgan)**	**TACOM (ACALA)**	**PG**	**DSA, TACOM**

The ERETS consists of infantry and armor target mechanisms, both stationary and moving and related interface and control hardware. The Range Control Station computer provides for manual and automatic control of the target mechanisms, accumulates target hit data and prints a permanent record for evaluation of trainee performance. Simulators, which add realism to the training scenarios, include the infantry night muzzle flash simulator, armor target kill simulator, and the infantry hostile fire simulator. The ERETS is installed on various range configurations to support infantry, armor and combined arms live fire training and qualification exercises.

Enhanced Soldier Systems	*****	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Enhanced Soldier Systems**	**PD**	**DAR, SBCCOM**

Enhanced Soldier Systems is a compilation of ACAT III and IV products centrally managed the PMO. The products within this program consist of nearly every item that is worn, carried or consumed by the individual soldier. This includes uniforms, specialty clothing items, and chemical biological protective overgarments. Also included are individual equipment items such as sleeping bags, individual shelters and specialty items such as riot control equipment and protective body armor. There are three major components of the ESS program; Clothing and Individual Equipment, the Soldier Enhancement Program and Centrally Funded and Fielded items. There are approximately 110 items actively being developed or procured under the ESS program. In accordance with the concept of Total Life Cycle Management, the PMO is additionally responsible for approximately another 150 items that are either being developed in the Technical Base or have already been fielded.

* Systems managed under the Enhanced Soldier System are in all phases of development and production.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Enhanced Terminal Voice Switch (ETVS)	**PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, ATC**	**PD**	**DSA, AMCOM**

Performs all control and switching functions needed for ATC voice communications. This includes air to ground to air communications with pilots as well as inter/intra facility voice communications. The switch will meet the needs of both ATC tower and terminal approach control facilities. The ETVS will be modular and customized to fit individual facility requirements.

ETEC Whole Cell Vaccine	**EMD**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

The vaccine is designed to protect U.S. Forces world-wide against severe diarrhea and fever caused by Enterotoxigenic E.Coli.

Explosive Standoff Minefield Breacher	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

A joint USMC/Army Program that will be capable of clearing a breaching path across all types of minefields.

Extended Range Rocket (ER-MLRS)	**PFDOS**	**III**	**PEO, Tac Msl (BG Holly)**	**PM, Precision Guided Munitions**	**PD**	**PEO, TAC MSL**

ER-MLRS is a free-flight, area fire, artillery rocket designed to complement the capabilities of the MLRS. Its mission is to engage targets beyond the range of the existing MLRS rockets up to a range of approximately 45 kilometers. Greater range is obtained by lengthening the motor section to accommodate more propellant and incorporating the M451 Remote Settable Fuze which allows higher altitude flight. Accuracy is improved through the use of no-load detent bolts in the launch pods to reduce launch tip off errors and a launcher-mounted meteorological sensor to provide updated wind data to the fire control computer. The shortened payload section will house new XM85 Dual Purpose Improved Conventional Munition grenades equipped with electronic self-destruct fuzes to reduce hazardous duds for improved maneuver force safety. Current guidance is to produce a limited number of ER-MLRS until the Guided MLRS Rocket enters production in FY02.

Extracted Parachute Jettison Device (EPJD)	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The EPJD allows for the jettisoning of malfunctioning extraction parachutes. The system employs a pyrotechnic release mechanism, which when fired, severs the extraction parachute from a load that has been hung up during airdrop operations. This allows the aircraft crew the ability to remotely disconnect the hung load from the parachute without risk of personal injury.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Family of Field Latrines	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Family of Field Latrines meets new operational requirements for latrine support across the entire spectrum of military operations. The Modular Initial Deployment Latrine is a readily available, portable and highly mobile latrine that accompanies the deploying personnel into a theater of operations. The Maturing Theater Latrine is a more stable, durable system available in the theater following initial deployment. The Follow On Latrine is a containerized system used in the mature theater in the rear area.

Family of Medium Tactical Vehicles (FMTV)	**PFDOS**	**IC**	**AAE (Mr. Hoeper)**	**PM, MTV**	**PJ**	**PEO, GCSS**

The Family of Medium Tactical Vehicles (FMTV) will fill the Army's medium tactical wheeled vehicle requirements. The FMTV consists of a common truck chassis that is used for several vehicle configurations in two payload classes. The Light Medium Tactical Vehicle (LMTV) is available in van and cargo variants and has a 2 1/2-ton payload capacity. The Medium Tactical Vehicle (MTV) has a 5-ton payload capacity and consists of the following models: cargo with and without materiel-handling equipment, tractor, wrecker, and dump truck. Both the 2 ½-ton and 5-ton trucks will have a companion trailer with the same payload capacity as the truck that tows it. Van and fuel and water tanker variants of the MTV will be developed concurrent with the production of other models. The FMTV will perform line haul, local haul, unit mobility, unit resupply and other missions in combat, combat support, and combat service support units. Vehicles will operate worldwide on primary and secondary roads and trails. The FMTV will replace overaged and maintenance-intensive trucks currently in the fleet.

Family of Simulations	**EMD/PFDOS**	**III**	**CG, STRICOM (BG Bond)**	**PM, WARSIM**	**PJ**	**CG, STRICOM**

The FAMSIM program consists of constructive simulation systems which provide man-in-the-loop command and control training for commanders and their staffs in a realistic, stress-filled environment for company/team through Echelons-Above-Corp levels. The program consists of the Corps Battle Simulation (CBS), Aggregate Level Simulation Protocol (ALSP), Brigade/Battalion Simulation (BBS) and Tactical Simulation (TACSIM).

Family of Space Heaters	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

Provides safe, efficient heat for soldiers, supplies and equipment in tents and shelters. The current non-powered military tent heaters (M-1940's and 50's) represent safety hazards in the field, provide poor combustion of diesel fuel, low combustion efficiencies and poor heat distribution in tentage. The FOSH replaces the current military tent heaters, overcoming current deficiencies and safety hazards and satisfy requirements for new military tentage developments, sizes and materials.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Field Artillery Ammunition Support Vehicle (FAASV)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Paladin/FAASV	PD	DSA, TACOM

The FAASV Materiel Change (MC) encompasses the previously approved FAASV Howitzer Extended Life Program (HELP) and Survivability Materiel Changes. The MC incorporates M109 Family of Vehicle improvements into the FAASV in order to maintain a common chassis. These improvements include the Low-heat Rejection/Cold Start Engine, improved XTG 41104 Transmission, RAM improvements to the cooling, electrical and suspension systems, relocated heater and hydraulic reservoir, stronger fuel cells, and modifications to provide interoperability with the M109A6 Paladin Howitzer. The halon-charged fire extinguisher system will be replaced with an alternate agent system. The total FAASV MC effort for 664 systems will be performed at three sites: the Letterkenny Army Depot (442 systems), Korea (50 systems) and the remainder modified at a European site yet to be determined. In July 1996, a sole source contract to United Defense Limited Partnership was awarded for new production of 48 M992A2s for fielding to the Army National Guard as the companion resupply vehicle to Paladin.

Field Incinerator	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM

Lightweight, easily maintainable and portable incinerator to be used during OOTW to reduce/eliminate the build-up of trash produced during normal/routine operations. A field service incinerator serves to provide a safe, economical and environmentally sound means of disposing of the trash produced during military operations during OOTW.

Fighting Position Excavator	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM

A command detonated explosive charge that will loosen soil and thereby reduce position preparation by at least 50%.

Fire Support Combined Arms Tactical Trainer (FSCATT)	PFDOS	III	CG, STRICOM (BG Bond)	PM, GCTS	PD	CG, STRICOM

The FSCATT is an integrated, individual and collective training system for the Field Artillery, consisting of a network of three training systems: a Howitzer Crew Trainer/weapon system strap-on devices, a Forward Observer trainer and a collective Training Control System. FSCATT exercises the FA gunnery team in realistic fire missions with a reduction in expenditure of ammunition and related operational costs.

Firefinder AN/TPQ-36(V)8 Electronics Upgrade	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, Firefinder	PD	DSA, CECOM

Firefinder AN/TPQ-36(V)8 Electronics Upgrade replaces the shelter of the AN/TPQ-36 and incorporates the first electronics upgrade to the 1970s technology. The program corrects identified deficiencies in range, false target rate, target throughput, target classification and displacement time. The program replaces electronic components which are rapidly approaching obsolesence with standard Common Hardware/Software (CHS) and Commercial-Off-The Shelf (COTS) equipment.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Firefinder Block II (AN/TPQ-47)	**EMD**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, Firefinder**	**PD**	**DSA, CECOM**

Firefinder Block II will replace the AN/TPQ-37 Artillery Locating Radar. Firefinder Block II will double the range of the current artillery range performance out to 60km and improve the target throughput in a highly mobile, transportable and survivable system. It will also provide a new capability of missile and rocket detection at ranges of 150 -300km and be capable of alerting Theater Missile Defense Systems.

Fixed Base Precision Approach Radar (FBPAR)	**PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, ATC**	**PD**	**DSA, AMCOM**

The FBPAR is a non-tactical precision approach radar system that will provide the capability to conduct area surveillance and precision approach control for aircraft departures and arrivals in all weather conditions on a 24-hour basis. The FBPAR will replace the AN/FPN-40/FSQ-84 Ground Controlled Approach Radar/Air Traffic Control Radar Beacon System.

Fixed Wing Aircraft Upgrades	**PDRR**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, Fixed Wing Aircraft**	**PD**	**DSA, AMCOM**

Various avionics upgrades to make aircraft compatible w/ future international nav. requirements, improve aircraft pilotage, and increase aircraft life.

Flash Suppressor/Blast Attenuator for M24	**PFDOS**	**IV**	**TACOM (ACALA) (Mr. Morgan)**	**TACOM (ACALA)**	**PG**	**DSA, TACOM**

Provides the M24 Sniper Weapon System with flash/blast suppression device. This program is in support of the Soldier Enhancement Program.

Food Sanitation Center	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Food Sanitation Center provides a capability to clean/sanitize food service equipment.

Force Provider	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Force Provider**	**PD**	**DAR, SBCCOM**

Force Provider is a containerized highly deployable "city" designed and engineered to provide climatic-controlled billeting, dining facilities, showers, latrines, laundry and morale, welfare and recreation facilities in modules for 550 soldiers. Force Provider missions provide rest and refit facilities for combat weary soldiers, theater reception, intermediate staging base redeployment and base camps for other military operations, such as humanitarian and disaster relief, and peacekeeping/enforcement missions. The Army objective is 36 modules and 12 cold weather kits for operations to -15 degrees F.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Force XXI Battle Command Brigade and Below (FBCB2)	**EMD**	**ID**	**USD(A&T) (Dr. Gansler)**	**PM, FBCB2**	**PJ**	**PEO, C3S**

The FBCB2 forms the principal Digital Battle Command System for the Army at Brigade-and-Below. It provides mounted/dismounted tactical combat, combat support and combat service support commanders, leaders and soldiers, on-the-move, with real-time/near real-time, battle command information and situational awareness from Brigade down to the soldier/platform level across all Battlefield Functional Areas (BFAs). FBCB2 is located in the mounted and dismounted maneuver (divisional, separate, heavy and light) cavalry/reconnaissance and armored cavalry, mechanized infantry and aviation units. The system features the interconnecting of platforms through a communications infrastructure called the Tactical Internet to pass Situation Awareness data and conduct Command and Control (C2).

Forward Area Air Defense Command, Control, and Intelligence System (FAADC2I)	**EMD**	**II**	**PEO, C3S (BG Boutelle)**	**PM, TOC/AMDCCS**	**PD**	**PEO, C3S**

The Forward Area Air Defense Command and Control (FAADC2), under the auspices of Product Manager Air and Missile Defense Command and Control Systems, provides an automated means of providing target data to FAAD weapons, to protect friendly aircraft, and to facilitate management of the air battle. The FAADC2 system consists of non-developmental computers, displays, printers, and communication systems that are common to the Army Battle Command System (ABCS); and the requisite software to enable the execution of air defense Engagement Operations (EO) and Force Operations (FO) through the Air and Missile Defense Workstation. The FAADC2I integrates air defense fire units, sensors, liaison elements, and command posts into a synergistic system capable of defeating and denying the aerial threat. It provides the automated interface (Division and below) for the air defense component to the ABCS, and allows the commanders and staffs to communicate, plan coordinate, and control the counter-air fight. The system is capable of collecting, storing, processing, displaying and disseminating situational awareness (air and ground) targeting data, and battle command information throughout FAAD units and from other Air Defense Areas (ADA), Army, Joint and Combined elements. FAADC2I enhances the ability of commanders, staff and weapon system operators to visualize the battlespace, realize situational awareness, defeat the enemy, and synchronize operations with the support unit. It supports the digitization of the battlefield by providing Airspace Situational Awareness and Force Level Command and Control. Block III software development of the objective system will achieve ABCS horizontal interoperability via the FAADC2 interface with AMDWS and merge Force XXI Battle Command Brigade and Below (FBCB2) software and FAADC2 as one central processing unit at the fire unit level.

Forward Area Refueling Equipment (FARE)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

FARE provides forward area refueling of helicopters and aircraft and may also be used to refuel ground vehicles and to support special operational requirements. It consists of a 100 GPM, gasoline engine driven, diesel engine driven, or electric motor driven, pump and power source, a 100 GPM Filter Separator and hose, couplings, wyes and tees and sundry accessories.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Forward Area Water Point Supply System (FAWPSS)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

This system consists of hoses, nozzles, six 500 gallon drums and a 125 GPM pump. It is used to provide fresh water at company level near the combat zone. FAWPSS is a part of CENTCOM's near-term water supply equipment.

Fuel Handling Hoseline Outfit	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

The hoseline outfit is required in Corps support units (QM POL Supply Companies and QM Pipeline Terminal Operating Companies) to pass fuel forward from Corps areas to Division areas and, if the tactical situation permits, from division areas forward.

Fuel System Supply Point	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

The Fuel System Supply Point (FSSP) is the Army's primary means of distributing and issuing bulk petroleum to combat forces under tactical conditions. The system consists of: 2 ea. 350 GPM Pumps; 2 ea. 350 GPM Filter Separators; hoses, fittings, wyes and tees, and 6 ea. fabric petroleum tanks.

Future Scout and Cavalry System	**CE**	**Pre-MDAP**	**TBD ()**	**PM, CMS**	**PJ**	**TARDEC**

Vehicles such as the High Mobility Multipurpose Wheeled Vehicle and Cavalry Fighting Vehicle which currently perform the scout mission were not initially designed to be scout vehicles. The US and UK are pursuing a joint demonstration program to provide the foundation for a Future Scout & Cavalry System that is operationally ready, survivable, mobile, deployable, lethal, and able to perform this mission. This ATD will develop the necessary interfaces to ensure compatibility among the scout technologies. The US/UK cooperative strategy calls for the competitive award of two ATD contracts. The demonstrators will be sufficiently robust so that the traditional demonstration and validation phase can be omitted, saving time and dollars.

Fuze, Electronic Time/M767 HE Rounds	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**

This is a low cost precision fuze which can be automatically or manually set. The automatic mode allows artillery increased rates of fire, reduces response time and decreases human error. The manual feature eliminates the need for external fuze setters.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Generator Set, Smoke, Mechanical: Pulse jet, M157A2	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Smoke & Obscurants**	**PD**	**DAR, SBCCOM**

The M157A2 modification program [MA4501] meets the needs of the U.S. Army to immediately satisfy the requirement for a safe, reliable, operationally effective mobile smoke generator system. It incorporates essential user requested safety and operational improvements such as a smaller control panel, improved fire detection equipment, fuel filter/water separator assembly, and a new engine head. These features combine to expand the operational capability from sea level to 8,000 feet. The modification kit program upgrades the basic M157 Smoke Generator Set to the M157A2 Multifuel Smoke Generator Set mounted on a motorized M1037/M1097 HMMWV or mechanized M1059A2/A3 prime mover.

Generator, Smoke, Mechanical: Motorized for dual purpose unit, M56	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Smoke & Obscurants**	**PD**	**DAR, SBCCOM**

The M56, mounted on the High Mobility Multipurpose Wheeled Vehicles M1113 (HMMWV), disseminates smoke on the move and from stationary positions. It is designed to operate in support of light and airborne maneuver units to defeat enemy sensors and smart munitions such as tank thermal sights, guided munitions, direct energy weapons, and other systems operating in the visual through far-infrared regions of the electromagnetic spectrum. The system uses a turbine engine as a power source to disseminate large area obscurant clouds. The visual screening module is capable of vaporizing fog oil for up to 90 minutes and the infrared module is capable of disseminating a particulate material to provide 30 minutes of screening. A Driver's Vision Enhancer (DVE) modification program was initiated. A pre-planned product improvement (P3I) modificaiton program for next generation millimeter wave (MMW) obscuration will be capable of producing a 30 minute MMW screen.

Generator, Smoke, Mechanical: Mechanized smoke obscurant system, M58	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Smoke & Obscurants**	**PD**	**DAR, SBCCOM**

The M58 Smoke Generator System is mounted on the M113A3 Armored Personnel Carrier (APC). It permits the same capability of smoke and obscurant protection as the M56, but adds it to the heavy maneuver units. A Driver's Vision Enhancer (DVE) and gas particulate filter unit (GPFU) are also included in this system for Chem/Bio protection. Beginning in FY99 program efforts were re-directed toward the selection of a vehicle chassis for the fielding of a tracked M58 system with sufficient capacity to include additional obscuration capability. A follow-on Modification program is programmed to incorporate the new MMW obscurant technology. The planned system will have mobility equal to the mechanized forces that it supports.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Global Broadcast Service (GBS)	**PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**GBS Joint Program Office**	**PG**	**PEO, C3S**

GBS is an ACAT ID Joint Service Program reporting to PEO Space. The U.S. Air Force was designated the executive agent to manage the program. PM MILSATCOM (Army) supports the GBS Joint Program Office as members of the hardware, logistics and testing integrated product teams. GBS is an integrated communications system consisting of uplink injection sites, broadcast satellites, receive terminals and management processing. GBS responds to the need for high-speed, one-way broadcast of high volume multi-media information. Information such as imagery, weather data, maps, logistics, air-tasking orders, and video is transmitted from a primary injection point and theater injection point to users world wide with fixed and satellites. Lease of the commercial Ku band satellites will augment UFO GBS coverage gaps.

** The Army terminal portion of the GBS program is ACAT III.

Global Combat Support Support System - Army (GCSS-Army)	*	**IAC**	**ARMY CIO (LTG Campbell)**	**PM, GCSS-A**	**PD**	**PEO, STAMIS**

This system will be the business automation/tactical enabler for the total Army Combat Service Support (CSS) mission area and will constitute the Army portion of the Global Combat Support System. GCSS-Army supports the CSS functions of manning, arming, fizing, fueling, moving, and sustaining soliders and their systems. GCSS-Army will consist of 6 major modules: Supply/Property, Maintenance, Ammunition, Supply Support, Integrated Materiel Management Module, Management Module. The system will be developed in a 3-tier implementation concept: Tier 1: modernization of 15 logistics STAMIS baselines; Tier 2: integration of retail/wholesale logistics functionality; Tier 3: implementing interoperability at the joint level.

*Tier 1 is current in EMD phase-post MS II; Tiers 2 & 3 are in CE phase-post MS 0 and undergoing planning and pre-development efforts.

Global Command and Control Systems - Army (GCCS-A)	**EMD**	**IAC**	**ARMY CIO (LTG Campbell)**	**PM, STCCS**	**PD**	**PEO, C3S**

The GCCS-A is the Army's Strategic and Theater Command and Control (C2) system, providing readiness information, planning, mobilization and deployment capability for the strategic commanders; and providing force employment (receipt of forces, intra-theater planning, readiness, force tracking and other theater level mission applications) for the theater commanders. GCCS-A provides Joint Common Operational Picture (COP) with supporting status and intelligence information. The GCCS-A is a user-oriented system that supports Army units from the National Command Authority, Commanders-In-Chiefs (CINCs) in the theater and down through the Joint Task Force Commander. It is part of the Army Battle Command System (ABCS) and provides a seamless Army extension from the strategic Joint GCCS system to echelons-corps-and-below (ECB). Compatibility and interoperability is achieved by building the GCCS-A applications to operate on the Defense Information Infrastructure Common Operating Environment (DII COE) and through interfaces to other C2 systems within the Army as well as to other services. The DII COE specifies a common system infrastructure for all C3 systems in accordance with the Joint Technical Architecture (JTA) guidelines. This approach provides common support architecture, with modular software for use by the services/agencies in developing mission-specific solutions to their C2 requirements. The system’s hardware platform is based on Commercial-Off-The-Shelf (COTS) hardware and the products in the Common Hardware Software 2 (CHS-2) contract. The system architecture links users via Local Area Networks (LANs) in client/server configurations with an interface to Secret Internet Protocol Router Network (SPIRNET) for worldwide communications.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
GPS Receiver Application Module - Inertial Navigation System (GRAM-INS)	**PDRR**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, GPS**	**PD**	**DSA, CECOM**
The GRAM-INS is the integration of GPS receiver and Selective Availability and Anti-Spoof Module (SAASM) function.						
Grenade Launcher, Smoke: Screening, TA, XM90	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Smoke & Obscurants**	**PD**	**DAR, SBCCOM**
The XM90 grenade is a soft launched, non-fragmenting, pyrotechnic smoke dispenser. The XM90 is constructed to include three individual dual-ported, core burning smoke canisters. The canisters are ignited and ejected by a charge of black powder contained in the grenade expulsion base. When fired as a salvo of 4 grenades from the LVOSS (XM7) discharger, the smoke grenades produce an effective obscuring cloud a minimum of 35 meters wide at a height of at least 2 meters at a distance of 35 meters from the vehicle. The cloud forms within 6 seconds and lasts a minimum of 20 seconds. The XM90 grenade is compatible with presently fielded 66mm smoke grenade launchers. The XM90 grenade will counter threat weapon systems operating in the visual and near infrared portions of the electromagnetic spectrum enhancing the survivability of the vehicle.						
Grenade, Hand: Incendiary, TH3, Directed, XM89	**EMD**	**IV**	**Acq Ex, SBCCOM (Mr. McKivrigan)**	**PM, Enhanced Soldier Systems**	**PD**	**DAR, SBCCOM**
The XM89 utilizes state-of-the art technology and material to provide a lighter/smaller package with an enhanced thermal effect and a significantly enhanced destructive capability compared to the current thermal grenade.						
Grenades, all types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**
This ammunition is being procured to support training. All are hand-held and are employed by the individual soldier. Included herein are various smoke grenades and training grenades to simulate the fragmentation grenade.						
Grizzly (Complex Obstacle Breacher)	**EMD**	**II**	**DSA, TACOM (COL(P) Harrington)**	**PM, CMS**	**PJ**	**TARDEC**
The Grizzly is a combat mobility system capable of conducting in-stride breaches of rapidly emplaced complex linear obstacles. Grizzly incorporates countermine and counterobstacle capabilities in an M1 Abrams chassis-based system with agility and survivability comparable to the maneuver force. Grizzly features a full-width Mine Clearing Blade with automatic depth control. a Power Driven Arm, and an advanced vehicle architecture compatible with future digital battlefield command and control.						

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Ground Based Common Sensor (GBCS) / PROPHET	**EMD**	**III**	**PEO, IEW&S (MG Gust)**	**PM, GBCS/AQF**	**PD**	**PEO, IEW&S**

GBS consists of two parts:

Ground Based Common Sensor - Heavy

The Ground Based Common Sensor - Heavy is a vehicle mounted (Bradley variant) signals-intercept and precision emitter-location system that supports Armored and Mechanized Infantry Divisions.

Ground Based Common Sensor - Light

The Ground Based Common Sensor - Light is a vehicle mounted (HMMWV) signals-intercept and precision emitter location system that supports Light Divisions.

Ground Combat Training Systems (GCTS)	**PDRR/EMD/PFDOS**	**III**	**CG, STRICOM (BG Bond)**	**PM, GCTS**	**PD**	**CG, STRICOM**

The GCTS program consists of high fidelity precision gunnery trainers, engagement skills trainers, small arms trainers, weapon appended training systems, part-task and maintenance trainers, as well as embedded training systems. These systems support Army's Armor, Infantry, Artillery, Air Defense and Engineer training requirements as well as training requirements for major weapon system platforms.

Ground Fuel Test Kit	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The Ground Fuel Test Kit is a self-contained, portable kit for testing ground equipment fuels for contaminants and water. It measures API gravity, viscosity, trace water and sediment in the fuels being tested.

Ground Standoff Mine Detection System (GSTAMIDS)	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

Vehicle based mine detection system employing sensors on a remote teleoperated mine protected vehicle. Detects all types of anti-tank mines, supports rapid clearance of routes, and minimizes inherent risks to mine detection personnel.

Ground Targets	**PDRR/EMD/PFDOS**	**III**	**CG, STRICOM (BG Bond)**	**PM, ITTS**	**PJ**	**CG, STRICOM**

The Ground Targets program consists of surrogate and actual foreign vehicle targets as well as virtual target computer models of ground vehicle targets. These targets are required to support the Army's Test & Evaluation (T&E) of advanced weapon systems as well as support training worldwide during live fire exercises at home station, combat training centers and OCONUS theaters of operation.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Guardrail / Common Sensor (GR/CS), System 1, 2 and 4	**PFDOS**	**IV**	**PEO, IEW&S (MG Gust)**	**PM, ACS**	**PD**	**PEO, IEW&S**
GR/CS System 1, 2 and 4 is a corps-level SIGINT (COMINT & ELINT) collection and precision targeting system.						
Guardrail / Common Sensor (GR/CS), System 3	**PFDOS**	**IV**	**DSA, CECOM (COL(P) Mazzucchi)**	**CECOM LRC**	**Item/System Manager**	**DSA, CECOM**
GR/CS System 3 is a corps-level SIGINT(COMINT & ELINT) collection and precision targeting system.						
Guided MLRS Rocket (GMLRS) - XM30	**EMD**	**III**	**PEO, Tac Msl (BG Holly)**	**PM, Precision Guided Munitions**	**PD**	**PEO, TAC MSL**
Guided MLRS (GMLRS) is a major upgrade to the M26 series MLRS rocket with the objective of integrating a Guidance and Control (GMC) package and a new rocket motor to achieve greater range and precision accuracy. The improvement in accuracy will reduce the number of rockets required to defeat targets to maximum range (approximately 60 km), reduce the number of launchers required per fire mission, and directly contribute to reducing the logistics burden. Guidance will be performed by a low-cost, tactical-grade Inertial Measurement Unit (IMU) designed to be aided by an optional GPS receiver. Control will be accomplished by four canards driven by electromechanical actuators. Required accuracy will be met with the IMU in an independent mode. GPS is not mission-essential, but provides a further increase in accuracy when used in conjunction with the IMU. The precision provided through the addition of the guidance and control package reduces the payload to 400+ grenades.						
Gun Laying and Positioning System (GLPS)	**PFDOS**	**IV**	**TACOM (ACALA) (Mr. Morgan)**	**TACOM (ACALA)**	**PG**	**DSA, TACOM**
Uses the military standard Precise Lightweight Global Positioning System Receiver, a commercial azimuth gyroscope theodolite and laser range finder in a tripod mounted configuration to determine position and orientation of every gun in the firing battery from one central location.						
Handheld Stand-off Minefield Detection System (HSTAMIDS)	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**
The HSTAMIDS system integrates a suite of sensors in a man portable system to locate non metallic and metallic AP and AT mines.						
HAWK Guided Missile System	**PFDOS**	**IV**	**DSA, AMCOM (BG(P) Armbruster)**	**WSM Hawk**	**PJ**	**DSA, AMCOM**
HAWK is a medium-range, surface-to-air guided missile system that provides air defense coverage against low-to-medium altitude aircraft. It is a mobile, all weather, day and night system.						

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Heavy Dry Support Bridge (HDSB)	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, HTV**	**PJ**	**DSA, TACOM**

The HDSB is a 40-meter bridge that supports Military Load Capacity (MLC) 96-wheeled and MLC 70-tracked vehicle traffic along Lines of Communication (LOCs) and Main Supply Routes (MSRs). The bridge is packaged on M1077 Palletized Load System (PLS) Flatracks and is transported by the Common Bridge Transporter. The HDSB launcher is mounted on a PLS Chassis and can launch a 40-meter bridge in ninety minutes.

Heavy Equipment Transport System (HETS)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, HTV**	**PJ**	**DSA, TACOM**

This system consists of the M1000 Heavy Equipment Transporter (HET) Semitrailer and the M1070 Truck Tractor. Together, they form a system whose primary mission is to transport main battle tanks and heavy equipment. This system also has the capability to self load and unload disabled tanks.

Heavy Expanded Mobility Tactical Truck (HEMTT)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, HTV**	**PJ**	**DSA, TACOM**

The HEMTT is a diesel-powered, 8-wheel drive, tactical vehicle available in five body styles (two cargoes, wrecker, tanker and tractor). The HEMTT transports ammunition, petroleum, oils and lubricants. It is also used for recovery of other wheeled support vehicles and combat systems. Early model HEMTTs are currently being overhauled by the original manufacturer to the current production configuration. Two test bed vehicles are currently being produced in preparation for a future Extended Service Program (ESP). These vehicles will be product improved variants of the tanker and wrecker with enhancements in the areas of readiness, maintainability and safety beyond the current production configuration.

Helicopter Extended-Range Fuel System	**PFDOS**	**IV**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

Allows cargo helicopters to internally transport all of the hardware and fuel required to perform tactical refueling of other aircraft in remote locations. The system is modular and can be converted to a fuel source for the transporting aircraft to allow for extended flying time.

Hemostatic Dressing	**CE**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

The purpose of the Hemostatic Dressing is to develop a dressing which will produce a strong, durable clot at a bleeding site within two minutes in order to control severe life-threatening bleeding.

Hepatitus E Vaccine	**CE/PDRR**	**IV**	**CG, MRMC (MG Parker)**	**RAM, MIDRP**	**PJ**	**USAMRMC**

A vaccine to protect at least 80% o f US forces from infection with hepatitis E virus.

Program	Current	ACAT	Program (Name) Mgr	PM	PM Level*	Organization Reports To
HERCULES (Heavy Recovery Vehicle)	**PFDOS**	**II**	**DSA, TACOM (COL(P) Harrington)**	**PM, CMS**	**PJ**	**TARDEC**

The HERCULES is a full-tracked armored vehicle developed to support battlefield recovery of heavy tanks and other tracked combat vehicles (including future heavy combat vehicle systems). HERCULES is based on the M88 recovery vehicle chassis but incorporates significant improvements to towing, winching, lifting, and braking characteristics to allow it to conduct the primary mission of single vehicle recovery of the Abrams tank fleet.

High Mobility Artillery Rocket System (HIMARS)	*****	**II**	**PEO, Tac Msl (BG Holly)**	**PM, HIMARS**	**PD**	**PEO, TAC MSL**

HIMARS will is a C-130 transportable, wheeled, indirect fire rocket/missile system capable of firing all rockets and missiles in the current and future Multiple Launch Rocket System (MLRS) Family of Muntions (MFOM). HIMARS is designed to carry a single Launch Pod Container (LPC) containing six rockets, or one Guided Missile Launching Assembly (GMLA) containing one Army Tactical Missile system (ATACMS) missile. The LPC/GMLA is carried on the chassis of the Army's Family of Medium tactical Vehicles (FMTV) 6x6 all-wheel drive M1096 Series, 5-ton truck. The HIMARS will provide tactical and operational fire support during both offensive and defensive operations, and be used to engage and defeat tube and rocket artillery, air defense concentrations, trucks, light armor and personnel carriers, as well as support troop and supply concentrations.

* Program is currently an Advanced Technology Demonstration (ATD).

High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) Family of Vehicles	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, LTV**	**PJ**	**DSA, TACOM**

The HMMWV is a lightweight, high performance, four-wheel drive, air transportable and air dropable, high mobility tactical family of wheeled vehicles. The vehicle has a diesel engine, automatic transmission and payloads of 2500 lbs. (HMMWV Group I), 3,660 lbs. (HMMWV Group II), 4,400 lbs. (Heavy HMMWV (M1097), and 5,100 lbs. (Expanded Capacity Vehicle (M1113)). The Block I, or A1 models of the HMMWV began fielding in March 1994. The A1 models have improved seating, upgraded electronics and M1097 components across the family. The A2 models will have an updated EPA compliant engine and a 4-speed automatic transmission. The Scout HMMWV is a specially modified armament carrier to accommodate the Scout mission role. The Up-Armored HMMWV (M1114) ballistic protection against anti-tank and anti-personnel mines (up to 12 pounds of TNT) and 360 degree protection aginst 7.62 armor piercing munitions. The Expanded Capacity Vehicle (ECV) (M1113) will be used for other programs where the M1097 has insufficient capacity. The A4 model is expected to be available starting in FY02/03 to enable the HMMWV to meet the light vehicle requirements for Vision XXI.

High Mobility Trailer (HMT)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, LTV**	**PJ**	**DSA, TACOM**

The High Mobility Trailer (HMT) is a family of high mobility companion trailers for the High Mobility Multipurpose Wheeled Vehicle (HMMWV). The HMT is compatible with both the light (Group I/II) and heavy (Group III) HMMWV variants. These HMMWV variants require a HMT family of trailers (light, heavy and heavy chassis) make full use of the HMMWV's towing capabilities.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
High Value Item Security System (HVISS)	**EMD**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, PSE**	**PD**	**DSA, CECOM**

HVISS is a two phased program which will provide (in Phase 1) secure storage for valuable, highly pilferable, and sensitive items; and (in Phase 2) an automated RF Tag Reader which will provide a means for "on-hand" equipment accountability by "reading" an embedded RF Tag. This system has application in both garrison and field conditions.

Hydraulic Excavator	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MME**	**PD**	**DSA, TACOM**

The Hydraulic Excavator (HYEX) is a commercial off the shelf item of construction equipment. The HYEX is a track mounted, hydraulic controlled, excavating system with a quick disconnect coupler system which allows it to use a variety of different construction attachments. Three types will be procured, Type I - equipped for use in general digging, trenching, loading, and lifting operations; Type II - equipped with a rock drill and a bucket for use in quarry operations. Type III will be a heavy excavator with attachments for use in heavy duty quarry operations.

Hydraulic/Electric Engineer Tool Outfit	**PFDOS**	**IV**	**CG, AMCOM (MG Sullivan)**	**TACOM (ACALA)**	**PG**	**DSA, TACOM**

Formerly the Pioneer Tool Outfit (PTO), is an assembly of 102 components used in the engineering, construction, and repair of combat facilities. It contains both electric and hydraulic tools, and is powered by a DED hydraulic power unit and tools powered by a portable hydraulic motor generator (PHMG).

Hypertonic Saline Dextran	**EMD**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

This product provides a small volume rescitative fluid to stabilize hypovolemic patients. This product will provide the effectiveness of a liter of fluid in a small 450ml bag.

Improved Buttstock for M4	**EMD**	**IV**	**TACOM (ACALA) (Mr. Morgan)**	**TACOM (ACALA)**	**PG**	**DSA, TACOM**

Provides the rifleman with an ergonomically optimized buttstock for the M4 Carbine. This program is in support of the Soldier Enhancement Program.

Improved Cargo Helicopter (ICH) (CH-47F)	**EMD**	**IC**	**AAE (Mr. Hoeper)**	**PM, CH-47F**	**PD**	**PEO, AVN**

As the only U.S. Army heavy lift cargo helicopter, the mission of the CH-47D Chinook/Improved Cargo Helicopter (ICH) will be to transport weapons, ammunition, equipment, troops and other cargo in general support of combat units and operations other than war. The CH-47F Chinook/ICH cockpit will be upgraded to a new electronic architecture allowing seamless interface with other systems on the digital battlefield; the airframe will be structurally modified to reduce O&S costs; the aircraft will be remanufactured to extend its service life; and the engine will be upgraded to a more powerful and reliable T55-GA-714A turboshaft engine as the result of a separate CH-47D Chinook engine upgrade program.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Improved Chemical Agent Monitor (ICAM)	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, NBC Defense**	**PJ**	**DAR, SBCCOM**

The ICAM is a hand held, soldier operated, post attack device for monitoring chemical agent contamination on personnel and equipment. It detects vapors of chemical agents by sensing molecular ions of specific mobility (time of flight) and uses timing and microprocessor techniques to reject interference's. The monitor detects and discriminates between vapors of nerve and mustard agents. The ICAM consists of a drift tube, signal processor, molecular sieve, membrane, and expendables such as batteries, confidence tester and dust filters. The monitor is 4" x 7" x 15", and weighs approximately 5 pounds.

Improved Data Modem (IDM)	**PFDOS**	**III**	**PEO, AVN (MG Snider)**	**PM, AEC**	**PJ**	**PEO, AVN**

The IDM is a digital data link modem that exchanges targeting data between the various weapon systems in support of the following missions: suppression of enemy air defenses; close air support; forward air control; air combat and command. It is a Joint Service Program that will enhance digitization of the battlefield fusion of information, system integration and access to real-time fused intelligence.

Improved Japanese Encephalitis Vaccine	**CE**	**IV**	**CG, MRMC (MG Parker)**	**RAM, MIDRP**	**PJ**	**USAMRMC**

Development of an improved vaccine for the prevention of Japanese encephalitis in deployed US forces. The vaccine will require fewer inoculations doses than the current vaccine and will also result in a reduction of side effects.

Improved Mortar Ballistic Computer XM30	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**

Improved Mortar Ballistic Computer, XM30 replaces M23 MBC, computes firing data for all mortar systems and enhances "shoot and scoot" capability.

Improved Ribbon Bridge (IRB)	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, HTV**	**PJ**	**DSA, TACOM**

The IRB provides the combat engineers with a much more capable Improved Common Bridge Transporter (ICBT) and ribbon bridge bays (interior and ramp) with 70 ton capability. The new ICBT will transport the Heavy Dry Support Bridge (HDSB) as well as other bridging assets.

Improved Target Acquisition System (ITAS)	**EMD**	**III**	**PEO, Tac Msl (BG Holly)**	**PM, ITAS**	**PD**	**PEO, TAC MSL**

ITAS is a technology insertion program utilizing 2nd GEN FLIR technology to upgrade the current HMMWV/ground mounted TOW Target Acquisition and Fire Control subsystems. The ITAS will provide improved target detection and acquisition range, improved probability of hit and enhanced fire control capabilities. These will upgrade the anti-armor capabilities of light forces using the TOW system, allowing the Army to own the night and providing a bridge for compatibility with the next generation missile. The ITAS design provides growth potential for digitized applications and a bridge to the Follow-On To TOW (FOTT) missile. On 28 Sep 98, First Unit Equipment was executed to the 82d Airborne Division. Milestone III decision is programmed for May 1999.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Information Management & Telecommunications Pentagon Renovation (IM&TPR)	**PFDOS**	**III**	**ARMY CIO (LTG Campbell)**	**PM, IM&TPR**	**PJ**	**DSA, CECOM**

Responsible for modernizing, consolidating, collocating, and/or relocating information technologies and services for the renovated Pentagon, yet ensuring continuity of operations of information management and telecommunications systems and services. Objective is to provide cost-effective Information Management and Telecommunications capabilities and services that will best serve the needs of the DoD by leveraging and integrating advancements in information technologies and services for the renovated Pentagon.

Information Technology Services	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, ITS**	**PD**	**DSA, CECOM**

Management of planning, programming, systems design/development, acquisition, installation, and testing of the fully integrated system of common user information services in support of PM IM&TPA. The objective is to provide cost-effective common user information technology services/capabilities that will best serve the needs of the DoD senior leadership and the command and control of deployed warfighters by leveraging technology advancements and designing/developing a fully integrated system of systems. Furthermore, this system of systems must comply with the Joint Technical Architecture.

Initial Fire Support Automated System (IFSAS)	**PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, FATDS**	**PD**	**PEO, C3S**

The Initial Fire Support Automated System (IFSAS) under the auspices of Product Manager Fire Support is designed to provide limited automation of Fire Support Command and Control at battalion nodes and above. The system gives commanders the ability to perform automated fire support planning and execution prior to the arrival of the AFATDS. The system utilizes ATCCS CHS LCU and has been fielded to both active and NG/Reserve units to provide early automation capabilities.

Inland Petroleum Distribution System (IPDS)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

IPDS is a rapid deployment, general support, bulk fuel storage and pipeline system. It is made up of fuel units, pipeline connection assemblies, pipeline pump stations, pipeline sets and special purpose equipment. The system also includes facilities, software, training, and planning documentation. The system is modular in design and can be tailored for specific locations and operations. The IPDS provides bulk fuels support to military forces when deployed worldwide. As Operational Projects Stocks, IPDS supports Unified Command contingency plans during execution.

Integrated Booking System (IBS)	**PFDOS**	**III**	**CG, MTMC (MG Privratski)**	**PM, IBS**	**PD**	**CG, MTMC**

Provides a single, worldwide, automated booking system designed to support peace and war time movement of unit and sustainment cargo moving via common user ocean carriage. Schedules unit requirements received from TC ACCIS and COMPASS against MSC controlled ships. Automatically books containerized sustainment cargo against commercial carrier ships.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Integrated Commercial Intrusion Detection System (ICIDS)	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, PSE**	**PD**	**DSA, CECOM**

A Non-developmental program comprised of commercial off-the-shelf components which provides security for high value or sensitive assets.

Integrated Computerized Deployment System (ICODES)	**PFDOS**	**III**	**CG, MTMC (MG Privratski)**	**PM, ICODES**	**PD**	**CG, MTMC**

A single, cross-service ship stow planning system designed to provide DOD ship load planners with intelligent decision-support during tactical, administrative, preposition, and humanitarian assistance operations.

Integrated Family of Test Equipment (IFTE)	**EMD/PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, TMDE**	**PJ**	**DSA, AMCOM**

The Integrated Family of Test Equipment (IFTE) program provides automatic test equipment which is configurable to support multiple weapon systems. It consists of the Base Shop Test Facility, the Contact Test Set (CTS) and follow-on CTS(Soldier Portable On-System Repair Tool), and the Electro-Optics Test Facility. The IFTE systems are used at unit and direct support/general support levels, both on and off system, to fault isolate, test, and repair line replaceable units and printed circuit boards. Based on recommendations of a Joint Service Automatic Test Systems Investment Strategy Group, IFTE was designated as a Department of Defense standard family of testers in Apr 94.

Integrated Meteorological System (IMETS)	**EMD/PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, Intel Fusion**	**PD**	**PEO, C3S**

The IMETS is the weather component of the Intelligence Electronic Warfare (IEW) sub-element of the Army Battle Command System (ABCS). IMETS provides commanders at all echelons with an automated weather system to receive, process, and disseminate weather observations, forecasts, and weather and environmental effects decision aids to all Battlefield Operating Systems (BOS). It consists of three basic configurations to enable the full range of military operations to be supported from large Major Regional Conflicts (MRC) to small task forces supporting peacekeeping missions: a) Command Post (CP) configuration for fixed facilities at Echelons-Above-Corps (EAC) level where the IMETS is permanently integrated into the Local Area Network (LAN); b) vehicle mounted configuration for tactical operations where the supported echelon move frequently; and c) light configuration for task organized elements of a supported echelon, integrated into a small task force, where lightweight, easily deployed core weather functions can be performed. It is a mobile, tactical automated weather system mounted on a High Mobility Multipurpose Wheeled Vehicle (HMMWV). It provides automation and communication support to Air Force Combat Weather Teams assigned to the Army at Echelons-Above Corps (EAC) down to Aviation Battalions and to Army Special Operations Forces. IMETS receives weather information from polar-orbiting civilian and defense meteorological satellites, Air Force Global Weather Central, artillery meteorological and remote sensors and civilian forecast centers. IMETS processes and collates forecasts, observations, and climatological data to produce timely and accurate weather products tailored to the specific warfighter's needs. The most significant weather and environmental support to warfighters are the automated tactical decision aids. These graphics display the impact of the weather on current or planned operations for both friendly and enemy forces. The warfighter can thus more effectively employ his forces and weapons systems to achieve success in battle.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Integrated System Control (ISYSCON)	**PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, WIN-T**	**PJ**	**PEO, C3S**

The ISYSCON (under the auspices of Product Manager Communications Management Systems) provides a centralized capability for planning and managing all tactical communication networks on the battlefield and interfaces with each Battlefield Functional Area (BFA) in the Army Battle Command System (ABCS). The ISYSCON serves as the architectural foundation on which to build network management at Brigade and Below through Echelons-Above-Corps (EAC). The ISYSCON software will reside on a Standard Integrated Command Post System (SICPS) platform, which will house the Common Hardware System (CHS) II Hardware client/server architecture. The ISYSCON facility will perform communications/automation management process by automating essential functions including: Network Planning and Engineering; Battlefield Spectrum Management (BSM); Wide Area Network (WAN) Management; Communications Security (COMSEC) Management; and the Command and Control (C2) of Signal units. A change to the requirements document has added the Satellite requirement for ISYSCON to manage Local Area Network (LAN), WANs, and ABCS platforms at theater, corps, and division, down to Brigades and the maneuver battalion levels. A further change to the ISYSCON Required Operational Capability (ROC) specified the need for Tactical Internet and Tactical Operations Centers (TOC) LAN management. It specified a need to perform network planning, initialization and management of the Tactical Internet systems (Force XXI Battle Command Brigade and Below, Enhanced Position Location Reporting System, Combat Net Radio, Near Term Data Radio) and TOC LAN ABCS systems. The ISYSCON will provide the Signal Command and staff with a centralized planning and control capability to manage C2 tactical communication networks in support of combat forces, weapon systems, and battlefield automated systems. It will function as the battlefield communications infrastructure management system at division through theater/echelons and in support of independent task force operation. The ISYSCON program serves as the baseline foundation to support the future network management initiatives tied the digitized Army and Warfighter Information Network-Terrestrial (WIN-T) architecture. ISYSCON is key to successful communications management for the First Digitized Division/First Digitized Corps and is a critical part of the Army Vision 2010 for Information Dominance.

Intelligent Combat Outpost (Raptor)	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

Autonomous Command and Control System that uses advanced acoustic sensors to provide real time targeting data and increased situational awareness. Will enhance effectiveness of Wide Area Munition and other munitions/demolition devices through coordinated attack and elimination of the need for overwatch forces.

Interim Vehicle Mounted Mine Detector (IVMMD)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

IVMMD is a vehicle mounted mine detection system on a survivable vehicle platform.

IR Illumination Hand Grenade	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

The IR illuminating Hand Grenade will reduce visible signature for signalling and it will illuminate buildup position for NVDS. Supports the Soldier Enhancement Program.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Items Less Than $2M	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

Five different pumps ranging from 65 GPM to 650 GPM, fabric tanks ranging in capacity from 3,000 to 50,000 gallons, and various water storage configurations ranging from 20K to 800K gallon capacity. Designed to store and distribute fresh drinking water to all US or Allied forces operating in support of military or humanitarian operations.

Jam Resistant Secure Comm (JRSC)	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, DCATS**	**PJ**	**DSA, CECOM**

The JRSC provides communications connectivity that will survive jamming and high altitude nuclear events which cause High-Altitude Electromagnetic Pulse (HEMP) and alter perturbed atmospheric conditions. The Universal Modem System (UMS) is the only funded program. The other identified anti-jam systems have been acquired. The UMS will enable strategic & tactical forces under the Command of the US, UK and NATO to have interoperable voice and digital data satellite communications capability under jamming and nuclear scintillation, while using non-processing transponders of the DSCS III, NATO or SKYNET 4 satellite systems..

Joint Biological Point Detection System (JBPDS)	**EMD**	**III**	**JPM, BD (BG Cain)**	**PM, JBPDS**	**PD**	**JPO, BD**

The JBPDS will develop and field a biological detection system that meets the needs of the Army, Navy, Air Force, and Marine Corps. The JBPDS is a Block development program. Block I focuses development on fully automating the bio suite. Block I will be capable of simultaneously and automatically presumptively identifying ten BW agents in less than 15 minutes. Block II will focus on decreasing size, weight and power consumption. The JBPDS will be integrated into each Service's platform (e.g., HMMV, ship) air base, or port to provide a common detection capability for joint interoperability and supportability. Production of the first 104 systems will begin in FY 00. Funding is available for 830 systems.

Joint Collection Management Tools (JCMT)	**EMD/PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, Intel Fusion**	**PD**	**PEO, C3S**

The JCMT provides all-source collection management; permit combat leaders to effectively use collection to answer mission critical intelligence needs. It is the Department of Defense Intelligence Information System (DoDIIS) migration system for all-source collection management. It will be used by national, theater, and tactical organizations of all services. JCMT provides tools for gathering, organizing, and tracking intelligence collection requirements for all intelligence disciplines. The JCMT system also provides collection managers with automated support to determine which intelligence products are already available that might satisfy intelligence collection requirements. If products are not available, JCMT's various databases and platform/sensor models can be queried for data about asset capabilities and availabilities. This allows a collection manager to determine if requirements can be satisfied by existing collection missions or whether new collection is required. The collection manager uses JCMT to develop collection plans, generate tasking and request messages. A key feature of JCMT, which will be enhanced in the future, is its ability to ascertain the status of requirements that have been forwarded to other organizations for action.

Program	Current	ACAT	MDA (Name)	PM	PM Level*	Organization Reports To
Joint Computer-Aided Acquisition and Logistics Support (JCALS)	*	IAM	DoD CIO (Mr. Money)	PM, JCALS	PJ	PEO, STAMIS

JCALS is a Joint Services program effort to specify, acquire, implement, and field a Computer-aided Acquisition and Logistic Support (CALS) system that generates, processes and exchanges logistic and acquisition technical information in digital form to manage life cycle system support within and among the military services, defense agencies, and industry. JCALS initial application is Joint Technical Manuals.

* This system is being developed in blocks, software packages or increments and consequently cannot be placed in phases.

Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS)	PDRR	II	AAE (Mr. Hoeper)	PM, JLENS	PJ	SMDC

JLENS elevated sensors provide Over-the-Horizon (OTH) wide area surveillance and precision tracking (Fire Control) data to support the primary mission area of Land Attack Cruise Missile Defense (LACMD) through the use of the Air-Directed Surface-to-Air-Missile (ADSAM) concept and Combat Identification. Additionally, the system will support secondary mission areas of Attack Operations (Ground Moving Target Indicator) and Battlefield Communications.

Joint Service Combat Shotgun	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM

JSCS is a 12 Ga semi-automatic shotgun with an effective range of 40 meters. It is compatible with standard ammunition and will manually cycle current Non-lethal munitions. This program will adopt this shotgun for use wqithin the Army. Supports the Soldier Enhancement Program.

Joint Service General Purpose Mask	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, NBC Defense	PJ	DAR, SBCCOM

The JSGPM is the replacement for the M40, M42, MCU-2/P. The JSGPM will significantly reduce mission degradation while being compatible with future equipment and soldier systems. The JSGPM will reduce weight and bulk and breathing resistance by as much as 50%. The JSGPM will also improve vision coupling, communication effectiveness, and comfort/wearability. The mask will significantly reduce total ownership cost/life cycle cost. The JSGPM will be virtually maintenance-free and may be of a low enough unit cost to be classified as disposable/replaceable after decontamination to a point.

Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD)	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, NBC Defense	PJ	DAR, SBCCOM

The Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD) is a small, fully automatic agent vapor and aerosol detector. The unit is capable of on-the-move real-time operation from either aerial or surface platforms. The unit will detect agent cloud up to 5 kilometers and provide alarm for reconnaissance and non-reconnaissance (contamination avoidance) missions. The detector also provides chemical contamination information and data on means to avoid contamination. The JSLSCAD is equipped for visual and audible alarm, and can display the agent class and concentration levels. This information is available locally and or for transmission to battlefield information network. JSLSCAD also has the capability to indicate an all-clear condition.

Program	Current	ACAT	MDA (Name)	PM	PM Level*	Organization Reports To
Joint Surveillance and Target Attack Radar System Common Ground Station (JSTARS CGS)	**EMD**	**ID**	**USD(A&T) (Dr. Gansler)**	**PM, Joint STARS**	**PJ**	**PEO, IEW&S**

The CGS is a mobile, tactical, multi-sensor ground station that receives, displays, processes, and disseminates targeting battle management and intelligence information to all echelons. In addition to Joint STARS radar data, the CGS is now capable of receiving and displaying Unmanned Aerial Imagery as well as signals intelligence data via an integrated Joint Tactical Terminal. Two previous variants, a Medium Ground Station Module (MGSM) mounted on a 5-ton truck and a light version (LGSM) mounted on a High Mobility Multipurpose Wheeled Vehicle (HMMWV) will be decommissioned or upgraded to the CGS in CY99. The CGS is a HMMWV-mounted shelter system that features COTS hardware and software and represents significant cost savings compared to the GSMs. The CGS has an aggressive P3I program to keep pace with the improvements to the airborne Joint STARS platform, expand interoperability and improve exploitation of Intelligence, Surveillance and Reconnaissance data.

Joint Tactical Ground Station (JTAGS)	**PFDOS**	**III**	**PEO, AMD (COL(P) Urias)**	**PM, JTAGS**	**PJ**	**PEO, AMD**

The Joint Tactical Ground Station (JTAGS) is a transportable information processing system which receives and processes in-theater, direct down-linked data from Defense Support Program (DSP) satellites and the follow-on Space-Based Infrared System (SBIRS). JTAGS disseminates warning, alerting and cueing information on Tactical Ballistic Missiles (TBMs) and other tactical events of interest throughout the theater using existing communication networks. JTAGS supports all Theater Missile Defense (TMD) pillars (attack operations, active defense, passive defense, and battle management/command, control, communications, computers, and intelligence (BM/C4I) and, by being located in-theater, provides the shortest sensor to shooter connectivity. P3I efforts are underway to integrate the Joint Tactical Information Distribution System (JTIDS), fuse sensor data with DSP, and upgrade JTAGS to operate with the next generation of SIBRS.

Joint Tactical Information Distribution System (JTIDS)	**PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, TRCS**	**PD**	**PEO, C3S**

The Link-16 JTIDS program is contained within the overall Army Data Distribution System (ADDS) program. The ADDS will create the Army communications data backbone from platoon to brigade for Force XXI. The JTIDS program is a joint program representing all services and allied force requirements. Its purpose is to acquire a digital information system for tactical interoperability and awareness that complies with the Assistant Secretary of Defense/Command, Control, Communications and Intelligence policy establishing Link-16 as the Department of Defense's primary tactical data link for Command, Control and Intelligence. The primary use of the Army's Class 2M terminal is to provide an interoperable joint and allied Link-16 tactical digital data link with air, ground, surface and subsurface platforms. The Link-16 program supports the Army's Theater Air and Missile Defense Engagement Operations. The Army intends to migrate to the Multifunctional Information Distribution System through investment in an Army variant of the multi-national terminal.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Joint Tactical Radio System (JTRS)	*	Pre -MD AP	USD(A&T) (Dr. Gansler)	PM, JTRS	PG	ASA(ALT)

The JTRS program is establishing an industry developed and endorsed, open standard architecture that will permit the acquisition of a family of programmable, digital communications systems that are modular, scalable, and extendable. JTRS will be backwards compatible with legacy tactical radio systems and will provide a foundation for achieving joint interoperability. Because of the open standard, JTRS will be cost-effectively upgradeable via software to meet future requirements. The objective is to acquire JTRS systems as replacements for all of DoD's radio inventory and personal communications equipment. Acquisition will begin by 2002, with initial operational capability for several applications possible by 2003.

*This system is being developed in steps and cannot be placed in phases at the present time.

Joint Tactical Terminal (JTT)/Common Integrated Broadcast Service-Modules (CIBS-M)	EMD	III	PEO, IEW&S (MG Gust)	PM, JTT/CIB	PD	PEO, IEW&S

The Joint Tactical Terminal is part of the Integrated Broadcast Service link to battle managers, intelligence centers, air defense, fire support and aviation nodes across all services. It is a family of special application UHF line of sight/sattelite communications secure intelligence dissimenation reporting systems for deployment with tactical untis. The JTT allows users to exploit intelligence broadcast networks which include TRIXS, TIBS, TRAP, TADIXS-B. The equipment can be mounted in fixed and rotary wing aircraft as well as fixed or mobile ground platforms.

Joint Vaccine Acquisition Program (JVAP)	PDRR/PFDOS	II	JPM, BD (BG Cain)	PM, JVAP	PJ	JPO, BD

The JVAP is an effort to ensure a supply of vaccines and other medical products effective against validated biological warfare threat agents. The JVAP Prime System Contractor, DynPort LLC, will develop and test vaccine candidates for FDA Licensure. After FDA licensure, the contractor will produce, test, store, and distribute these products as required by the Services to protect U.S. forces.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Kiowa Warrior (OH-58D)	**PFDOS**	**IC**	**AAE (Mr. Hoeper)**	**PM, Scout/Attack Helicopter**	**PD**	**DSA, AMCOM**

The Kiowa Warrior is the armed reconnaissance helicopter for the Army. The Kiowa Warrior will start to be displaced by the Comanche, but will be in the active Army until 2022. The OH-58D performs reconnaissance, security, command and control, target acquisition/ designation, and defensive air combat missions. The Kiowa Warrior adds armed reconnaissance and light attack to the basic OH-58D Kiowa mission capabilities. The OH-58D has a Mast-Mounted Sight that houses a Thermal-Imaging System, Low-Light Television, and a Laser Rangefinder/Designator. A highly accurate navigation system permits precise target location that can be handed off to other engagement systems via the Airborne Target Handover System. The Laser Designator can provide autonomous designation for the laser HELLFIRE or remote designation for other laser-guided precision weapons. Air-to-Air Stinger (ATAS) provides security against threat aircraft. The armed retrofit program began in FY91 and provides Air-to-Ground weapons and other improvements to previously produced OH-58Ds. The OH-58D is in the 14th year of production. AHIPs began retrofit/remanufacture in FY93 for the Armed Kiowa Warrior version. Aircraft deployments include the training bases, and operational units worldwide. The Safety Enhancement Program (SEP) began in 1997 and seeks to update the entire Kiowa Warrior fleet with improved engines, crashworthy seats, cockpit airbags, and a digitized Mission Equipment Package.

* Removed as a ACAT IC per the 18 Nov 98 OSD ACAT listing. Change in ACAT level is being staffed.

Kitchen Company Level Field Feeding (KCLFF) - Enhanced	**PDRR**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The KCLFF Enhanced is used for field feeding of Company sized units and is designed to heat, deliver, and serve one heat and serve ration meal per day for up to 200 soldiers. KCLFF consists of various kitchen and food service hardware and is designed to be hauled by light wheeled vehicles.

Land Warrior Program	**EMD**	**II**	**AAE (Mr. Hoeper)**	**PM, Land Warrior**	**PD**	**CG, SBCCOM**

Land Warrior is a first generation, modular, infantry fighting system providing combat overmatch to Infantry soldiers. Land Warrior integrates night vision, information and communications technologies to improve the lethality, survivability, command and control, mobility, and sustainment of all infantry soldiers on the digitized battlefield. Land Warrior also has an associated Science and Technology effort called "Force XXI Land Warrior" to provide advanced components for technology insertion.

Laser Target Designators (LTD)	**PFDOS**	**IV**	**DSA, AMCOM (BG(P) Armbruster)**	**WSM Lasers/Armored Vehicles**	**PJ**	**DSA, AMCOM**

LASERS consist of three distinctive models: Laser Target Designator, Modular Universal Laser Equipment, and Ground/Vehicular Laser Locator Designator. All three provide the Army, USMC, and allies with the ability to perform precision strikes via accurate location designation of hostile forces. The M981, FISTV enhances combined arms efficiency by providing the Fire Support Team and the Combat Observation Lasing Team headquarters with an operating base for targeting, self-location, and designation equipment which provides improvements in first round accuracy, mobility, and survivability comparable with the maneuver units being supported.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Launched Grapnel Hook (LGH)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

This is a Soldier Enhancement Program funded man-portable, bullet trap launched grapnel tethered to a launch point. It replaces the hand thrown grapnel in trip wire clearance operations.

Laundry Advanced System	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Laundry Advanced System is a laundry-processing and water recycling system which processes 400 pounds of laundry per hour and recycles about 97% of the water used in the laundry process.

Leishmania Skin Test	**PDRR**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

The Leishmania Skin Test is an intradermal test to screen U.S. service members who may have been exposed to Leishmania parasites after deployment to the Middle East and Africa.

Lethal Ovitrap for Dengue Vectors	**CE**	**IV**	**CG, MRMC (MG Parker)**	**RAM, MIDRP**	**PJ**	**USAMRMC**

Development of an inexpensive device to trap dengue vector mosquitoes, thereby reducing the vector population and transmission rates.

Light and Special Division Interim Sensor (LSDIS)	**PFDOS**	**IV**	**DSA, AMCOM (BG(P) Armbruster)**	**WSM LISDIS**	**PJ**	**DSA, AMCOM**

LSDIS is a lightweight, ruggedized, highly transportable sensor system.

Light Observation Helicopter	**PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, Scout/Attack Helicopter**	**PD**	**DSA, AMCOM**

The OH-58A and OH-58C helicopters are low silhouette, single rotor helicopters powered by a single gas turbine, T63-A-700/720, engine. The helicopter is used for observation, scout, and command and control. This is a single pilot aircraft with the capability to carry three passengers or cargo. The OH-58C is an upgraded OH-58A with more powerful engine and transmission and an upgraded navigation and instrumentation capability.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Light Vehicle Obscuration Smoke System (LVOSS)	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Smoke & Obscurants**	**PD**	**DAR, SBCCOM**

The Light Vehicle Obscuration Smoke system (LVOSS) is a self-defense smoke/obscurant device externally mounted on light vehicles. It counters threat weapon systems operating in the visual and near-infrared portions of the electromagnetic spectrum. The LVOSS consists of the M7 Discharger, required mounting equipment, and a family of grenades. LVOSS installation kits contain an arming and firing unit (A/FU), wiring harness and brackets to mount the M7 Dischargers. The M304 installation kit is for the M966 Infantry TOW equipped HMMWV. The M305 and M310 installation kits mount the A/FU, four M7 Dischargers and the wiring harness to the Military Police M1025 and M1114 HMMWV, respectively. The LVOSS is especially designed to launch non-fragmenting grenades which are of low toxicity and environmentally safe. It can also be used to launch standard grenades. This program supports all current mission requirements for Army MP forces. No other procurement is currently planned. All LVOSS components are integrated as a complete system, operated from within the host vehicle using the A/FU. Host vehicles retain their combat load and operational capability in mobility, firepower and communications when configured with LVOSS.

Lightweight Arctic Forward Area Refueling Equipment (LAFARE)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

The LAFARE is a two point tactical refueling system specifically designed for operation in extreme cold environments (-60 degrees F). It consists of a gas turbine engine driven pump unit, two filter separators, two insulated batteries, and three 500 gallon arctic fuel drums. In operation, the system will simultaneously refuel two pieces of equipment at a minimum flow rate of 50 GPM and a maximum of 90 GPM flow rate at any one nozzle. Emphasis is placed on limiting the component/module weight to the two soldier portable weight limit. This is a P3I aimed at reducing the weight of the Arctic Forward Area Refueling Equipment (AFARE).

Lightweight Forward Entry Device (LFED) / Forward Entry Device (FED)	**PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, FATDS**	**PD**	**PEO, C3S**

The LFED/FED (under the auspices of Product Manager Fire Support) is a programmable input/output device used for composing, editing, transmitting, receiving and displaying alphanumeric and graphic messages for transmission over standard military radios. Forward Observer System (FOS) software enables users to plan, control and execute fire support operations at maneuver platoon, company battalion and brigade levels. The LFED/FED is an integral part of the digitized system architecture. It provides the vital sensor-to-shooter link required for effective fires. The LFED/FED also provides critical situational awareness for forward deployed field artillery units. It provides the initial digital entry device required for FO and Combat Observation Lasing Teams (COLT). The LFED/FED program provides the hardware platform to support Department of Defense Mandated Interoperability/Army digitization requirements (to include implementation of MIL-STD-188-220A protocol and Variable Message Format) to support the new functional user requirements under the next software release and C4I technical architecture requirements. It is used in the Heavy Divisions by the FO, Field Artillery (FA) Battery Commanders and Fire Support Team (FIST) personnel.

Lightweight Fragmentation Grenade	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Provides a light weight (approx. 1/3 reduction of current weight) fragmentation hand grenade to the soldier. A Soldier Enhancement Program supporting the Land Warrior Program.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Lightweight Laser Designator/Rangefinder (LLDR) AN/PED-1	**EMD**	**III**	**PEO, IEW&S (MG Gust)**	**PM, NV/RSTA**	**PJ**	**PEO, IEW&S**

LLDR has a day camera, Forward Looking Infrared (FLIR) thermal sensor, laser rangefinder, digital compass/vertical angle measurement device, global positioning system with video/digital outputs and a laser target designator for day/night acquisition, precise location and designation for engagement by a variety of munitions.

Lightweight Maintenance Enclosure	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Lightweight Maintenance Enclosure is a highly mobile, quickly deployable shelter which allows maintenance to be performed across the battlefield under all environmental conditions. It accommodates tracked and wheeled vehicles, engineer, signal, armament and ground support equipment.

Lightweight Video Reconnaissance System (LVRS) AN/PVH 1&2	**PFDOS**	**III**	**PEO, IEW&S (MG Gust)**	**PM, NV/RSTA**	**PJ**	**PEO, IEW&S**

LVRS outstations capture still images in day or night and transmit those images through a military radio to a LVRS basestation.

Lightweight Water Purifier (LWP)	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

LWP provides fresh drinking water to companies operating near the combat zone in harsh and arid environments. It is designed to produce up to 125 GPH of fresh drinking water.

Live Fire Training System (LTS)	**PDRR/EMD/PFDOS**	**III**	**CG, STRICOM (BG Bond)**	**PM, LTS**	**PD**	**CG, STRICOM**

The LTS program consists of systems required to support live force-on-force training, providing instrumentation/feed-back systems, battlefield effects, tactical engagement systems and opposing forces representations.

Long Range Advance Scout Surveillance System (LRAS3)	**PDRR**	**III**	**PEO, IEW&S (MG Gust)**	**PM, FLIR**	**PD**	**PEO, IEW&S**

LRAS3 provides scouts with a long range day/night target acquisition and observation capability. It uses a Second Generation FLIR, laser range finder and global positioning system.

Long Range Sniper Rifle	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Type classifies and fields a long range sniper rifle with counter sniper and anti-materiel effectiveness. Supports the Soldier Enhancement Program.

Program	Current	ACAT	MDA (Name)	PM	PM Level*	Organization Reports To
Long Range Tactical Sniper	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Provides Caliber .50 match-grade cartridges for the long range sniper weapon with an effective range out to 1500 meters. Supports the Soldier Enhancement Program.

Longbow Apache (AH-64D)	**PFDOS**	**IC**	**AAE (Mr. Hoeper)**	**PM, AAH**	**PJ**	**PEO, AVN**

The AH-64D attack helicopter is a twin engine, four-bladed, tandem seat, aerial weapons platform. It is designed to accomplish a variety of missions in day, night, and adverse weather conditions ranging from desert heat to arctic cold. The weapon systems include the 30mm automatic cannon, 2.75 inch aerial rockets, and the Hellfire modular missile system. The aircraft is a remanufactured AH-64A Apache, modified to accept the Longbow Weapon System (LBWS). Consisting of a millimeter wave fire control radar and the associated missile with a radar seeker, the LBWS adds the capability to detect and engage targets in adverse weather and in the presence of battlefield obscurants. It also provides an fire-and-forget capability, resulting in a vast increase in both lethality and survivability. The AH-64D is currently in production. First Unit Equipped (FUE) was 1-227 Avn from 1st Cavalry Division in July, 1998. The battalion became mission-ready (Initial Operating Capability) 18 November 1998. The next battalion, the 2-101 Avn from the 101st Airborne Division, is currently being fielded.

Longbow HELLFIRE AGM-114L	**PFDOS**	**IC**	**AAE (Mr. Hoeper)**	**PM, Air to Grnd Msl Systems (AGMS)**	**PJ**	**PEO, TAC MSL**

The Longbow HELLFIRE missile is a fire-and-forget missile which uses radar-aided inertial guidance. It is part of the Apache AH64D Longbow system which also includes a mast-mounted millimeter wave fire control radar with associated electronics designed to greatly increase the survivability of the host helicopter. LBHF will provide the capability to conduct battle both day and night, in adverse weather conditions, and with battlefield obscurants present. The Longbow HELLFIRE missile utilizes millimeter wave radar-aided inertial guidance to provide a lock-on before launch (LOBL) or lock-on after launch (LOAL) capability, depending on target range and velocity. Starting with the FY97 buy, an Insensitive Munitions Warhead was incorporated which improves survivability. It is planned that Longbow HELLFIRE missile also will be used on the Comanche. Longbow HELLFIRE is 69.2 inches in length and weighs 108 lbs. Weapon range is approximately 8km.

M1022A1 Dolly Set, Transportable Shelter, 7 1/2 Ton	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M1022A1 provides rapid mobility for International Standard Organization (ISO) containers and military shelters. A dolly set is comprised of two separate and independent halves, a front half and a rear half. Each half can easily and quickly be attached to the ends of a shelter or container which is positioned on the ground, making up a trailer (a Container Loading Trailer, or CLT). Using dolly set power, the trailer can be raised to traveling height, attached to a tow vehicle, and moved to a new destination.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
M105A3 Cargo Trailer, 1 1/2 ton, 2 wheeled	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M105A3 is a two-wheeled, 1 1/2 ton cart-type trailer which is used to transport general cargo over highways as well as cross-country terrain. It is capable of fording hard-bottomed water crossings. The trailer is Roll-on/Roll-off capable and is fitted with radial tires. This trailer is an integral part of the following systems: AH-64, CH-47D, Woodworking Shop, MSE, MLRS, HAWK, Patriot, M20 NBC Decontamination system and the DS2 Pump/Scrub Decontamination system. It is also used throughout the Army to haul general cargo.

M1061A1 5-Ton, 4-Wheel, Flatbed Trailer	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M1061A1 mounts fuel pods (Tank Unit, Liquid Dispensing (TULD)), laundry units, and 100 kW generators. It is towed by the 5-ton M809 series of tractors.

M1062 Semitrailer	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M1062 Semitrailer was developed to haul 7,500 gallons of petroleum products in the Communication Zone (COMMZ) and corps rear areas. The commercial M1062 semitrailer is designed to transport/dispense bulkhaul gasoline, diesel and aviation fuels. It has a bottom and top-loading capability and uses a standard 4-inch camlock coupling and NATO D-1 coupling. The tank contains a jet level sensor system which senses the fuel level in the tank. When filling the tank from the bottom, it automatically shuts off when the tank is full. Fuel discharge is accomplished using gravity or an off-line pump with the emergency shutoff. The system also has a vapor recovery system. It is towed by the M915 series tractors.

M109A6 Paladin	**PFDOS**	**II**	**CG, TACOM (MG Caldwell)**	**PM, Paladin/FAASV**	**PD**	**DSA, TACOM**

The M109A6 applies a series of modifications to the current M109A2/A3 Howitzer. It is a self-propelled, fully tracked, diesel powered, aluminum armored, turreted, air transportable weapon system able to carry a minimum of 37 complete, conventional rounds and two oversized projectiles on-board. Its main armament consists of a modified version of the M185 cannon assembly (M284) and M178 gun mount (M182A1). The cannon, propelling charge, and projectile mix permit unassisted ranges of at least 22 km and a maximum assisted range of 30 km. A new turret structure facilitates integration of the various turret improvements and Vulnerability Reduction Measures (VRM's), and improves overall crew compartment layout and space.

M113 Carrier Mod-Vehicle A3 Upgrades	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, M113/M60**	**PD**	**DSA, TACOM**

The M113 Family of Vehicles provides essential transport for troops, antitank weapons, air defense systems, electronic warfare shelters, mortars, command centers, and cargo. The current fleet will be required for at least 20-30 more years and must be continuously modified to enhance performance, reliability, survivability, and supportability. The M113 FOV consists of the following vehicles: M113, M577, M548, M901, M981, M1059, M1064, M1068, M58 and opposing forces surrogate vehicle.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
M129A4 Tactical Transport Semitrailer Van	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M129A4 is a 12 ton, 35 foot, four wheel, multipurpose van used by various types of support units engaging in the storage, transportation, and issue of military supplies. The van will house sophisticated electrical equipment (radio and computerized) for command post communications, and spare parts and maintenance tool shop for field repairs. It is towed by 5-ton, 6x6 truck tractor or similar vehicle equipped with a fifth wheel.

M16 A4 Rifle	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Th M16A4 rifle is an improved version of the M16A2 rifle. The improvement consists of a flat top upper receiver accessory rail, and a detachable handle/rear aperture sight assrembly that allows for easy attachment of accessories such as Night Vision Devices.

M203/M4 Compatibility	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Provides a method of mounting the M203 Grenade Launcher on the M4 Carbine. This program is in support of the Soldier Enhancement Program.

M240B Armor Machine Gun, 7.62mm	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

The M240B is being procured to provide dismounted infantrymen with a more reliable, accurate and lethal machine gun to suppress and destroy enemy personnel, lightly armored vehicles and fortified positions. It is a gas-operated, air-cooled, link-belt fed weapon which allows for rapid barrel changes and incorporation of a flash suppresser. The M240B will replace the M60 Machine Gun in light infantry, mechanized infantry and combat engineering units.

M2HB Quick Change Barrel	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Provides an NDI commercially available kit to convert M2HB Machine Gun to a fixed headspace, quick change barrel configuration.

M30 Improved Mortar Ballistic Computer	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**

The M30 is a militarized laptop computer which computes ballistic trajectories and gives mortar gunners data for elevation and change to bring effective fire.

M43A1(P31) Mask - Lightweight Motor Blower (LWMB)	**PFDOS**	**III**	**PEO, AVN (MG Snider)**	**PM, ACIS**	**PJ**	**PEO, AVN**

This is a small, aircrew mounted motor blower that provides at least two (2) cubic feet per minute of airflow to the M43 series aircrew member's Chemical/Biological protective mask. This Program is making maximum use of off-the-shelf materiel and will meet electromagnetic interference and emergency egress requirements as well as all supportability, reliability, maintainability, and durability requirements of U.S. Army aircraft. Production deliveries are complete. This item will be fielded as part of the Chemical/Biological Mask which it works with.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
M48 Chemical-Biological Apache Aviator's Mask/M49 Chemical-Biological General Aviator's Mask	**PFDOS**	**IV**	**Acq Ex, SBCCOM (Mr. McKivrigan)**	**System Manager**	**Item/System Manager**	**CG, SBCCOM**

CBDCOM (ERDEC) has tested and validated a man-mounted motor blower for use with the M48/M49 masks. The motor blower is lighter and has a better operating time than the M43/M43A1's motor blower. ERDEC is purchasing motor blowers, hoses, swivels, and straps to retrofit existing M43A1 facepieces to the M48 and M49 configuration. Apache aviator use the M48 mask while the general aviators (all helicopters except Apache) use the M49 mask. The mask provides protection against nuclear, Biological, and chemical agents.

M6 Discharger	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Smoke & Obscurants**	**PD**	**DAR, SBCCOM**

The M6 Discharger will provide the “Wolverine” Heavy Assault Bridge or other host vehicle with concealment from threat surveillance, target acquisition, and weapons guidance systems by projecting the 66mm family of smoke grenades. Each M6 Discharger consists of a four-grenade launch tube module that is designed for use on any vehicle platform. Each tube of the M6 Discharger can be separately fired on command. The system provides up to 360 degrees of coverage, overhead screening protection, and can interface with the Vehicle Integrated Defense System (VIDS) control. This current program fielding of the “Wolverine” Heavy Assault Bridge.

M6(M998) and M197(M1025) HMMWV Machine Gun Mounts	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Provides the capability to mount M249 and M60 machine guns on the M998 and M1025 HMMWV for improved self-protection. The mounting system includes the pedestal, pintle, and travel locks. Supports the Soldier Enhancement Program.

M860A1 Semitrailer	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**Trlr Mgmt Ofc**	**PD**	**DSA, TACOM**

The M860 series semitrailer is used with the PATRIOT missile system. The M860A1 is a flatbed gooseneck semitrailer equipped with a fail-safe air brake system and manually adjusted landing legs. The prime mover is a HEMTT 10-ton truck tractor. The M860A1 is also equipped with a stabilization system consisting of our legs that are used to emplace the semitrailer during missile launching operations.

M870A2 Semitrailer	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M870A2 Semitrailer lowbed will be a 40 ton system capable of handling payload up to 80,000 lb.. on highway, gravel roads, dirt roads, level cross country, and hilly cross country. The M870A2 will incorporate a fixed gooseneck, rear loading capability and automatic slack adjusters. The M870A2 will be a multi-axle suspension system equipped with radial tires. The M870A2 will connect to its prime mover's fifth wheel via a reversible king pin (2 and 3.5 inches capable). The landing legs will be adjustable to accommodate varying degrees of fifth wheel heights. The semitrailer will utilize a 12/24 volt electrical system including two composite lights, which serve as blackout and service tail and stop lights.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
M871A3 Semitrailer FB BB/Cont Trailer	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M871A2 is a 22 1/2 ton semitrailer, dual purpose, bulk container transporter. The semitrailer will be used within the military logistical support system within CONUS and OCONUS theaters to transport 20' International Standard Organization (ISO) Containers on line haul tactical missions and as the primary means of distributing containers and bulk cargo. It will be employed with military standard 5 ton tractors for use over primary, secondary, and unimproved secondary roads.

M878 Yard Tractor	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The yard type truck is primarily used to provide a capability to shuttle semitrailers loaded with containers or breakbulk cargo within fixed ports, on prepared beaches during Logistics-Over-The-Shore (LOTS) operations, and in trailer transfer areas. The vehicle is a highly maneuverable commercial tractor with an automatic locking, hydraulic-lift fifth wheel which facilitates semitrailer coupling and disengagement and allows movement of the semitrailer/chassis without retracting the landing legs. It is capable of moving trailers weighing from 21,000 to 60,000 lb..

M9 Armored Combat Earth Mover Mod Program	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M9 is a highly mobile, fully tracked, armored earthmover capable of supporting forces in both offensive and defensive operations. It performs critical combat engineer tasks such as digging hull defilade fighting positions, breaching berms, and preparing anti-tank ditches. There are several planned modification programs for the M9 under the nomenclature Systems Improvement Plan (SIP). The SIP Phase 3 consists of ten hardware improvements designed to enhance the readiness of the ACE. Phase 4 is in planning for possible application in FY02 or beyond.

M903, M962, .50 Cal SLAP	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

A caliber .50 round designed to maximize the effectiveness of the M2 machine gun in the engagement and defeat of lightly armored targets. This program provides a companion tracer round. Supports the Soldier Enhancement Program.

M915A3 Truck	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M915A3 tractor is a Non-Developmental Item vehicle which serves as the prime mover for either the M872 34 ton flatbed semitrailer or the M106 7500 gallon tanker. These tractor semitrailer combinations carry all types of bulk cargo, containers and fuel and operate primarily over roads in the communication zone and Corps areas of operation in all weather conditions. The M915A3 truck tractor is transportable by highway, rail, marine, and air modes worldwide.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
M916A2 Truck	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M9162A2 truck tractor is a Non-Developmental Item vehicle which serves as the prime mover for the M870/M870A1 40 ton lowbed semitrailer and the 6,000 gallon water tanker. The tractor is a 6x6, 68,000 Gross Vehicle Weight vehicle with a 3 1/2 inch fully oscillating fifth wheel and 45,000 lb. rear mounted winch. The tractor lowbed and water tanker semitrailer combinations transport all types of heavy engineer equipment and non-portable water in support of engineer construction operations over primary, secondary, and off-roads in all weather conditions. The M9162A truck tractor is transportable by highway, rail, marine, and air modes of transportation.

M917A1 Truck, Dump 20T	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M917A1 dump truck is a Non-Developmental Item used to load, transport and dump payloads of sand and gravel aggregates, crushed rock, hot paving mixes, earth, clay, rubble, and large boulders at engineering and construction sites under worldwide climatic conditions in a military environment. It has a heavy duty steel, 18.5 ton, 12 cubic yard struck and 14 cubic yard heaped capacity dump truck, in cab controlled double controlled action hydraulic hoist system capable of a 50 degree tilt angle, 8 inch removable sideboards, easy wind tarpaulin system and air actuated tailgate lock. The M917A1 dump truck is transportable by highway, rail, marine, and air modes worldwide.

M939A2 5-Ton Truck Series Mod Program	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M939A2 is a general purpose truck used to haul cargo, ammunition and personnel. The modification program is to prevent the fuel tank from venting into the vehicle air intake. It will vent into the atmosphere preventing the possibility of uncontrolled engine run-on and engine destruction.

M967A1 Bulkhauler	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The low profile, bulkhaul semitrailer has a stainless steel, single compartment tank of 5,000-gallon capacity, plus 3% for product expansion. It is designed to transport/dispense gasoline, diesel, and aviation fuels. The vehicle is air transportable when empty on the C130, C141, or C5A aircraft. It is towed by the 5-ton Truck Tractor.

M969A2 Semitrailer, Tank, 5000 Gallon Automotive Refueler	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The M969A2 is used primarily for transporting and dispensing automotive fuel. The trailer has a stainless steel, single compartment tank of 5000 gallon capacity, plus 3% capacity for product expansion. This system can deliver 100 gallons/minute and can be lifted, fully loaded, on and off ship. It is air transportable on C130, C141 or C5A aircraft. It is towed by the 5-ton truck tractor.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
M993, 7.62mm Armor Piercing Cartridge	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**
Provides a 7.62mm Armor Piercing Cartridge for the M60 and M240B Machine Guns and the M24 Sniper Rifle. Supports the Soldier Enhancement Program.						
Machine Gun Optics	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**
Telescopic sight for the M249, M60 and M240E1 machine guns. In support of Soldier Enhancement Program.						
Machine Gun, 5.56, M249, Squad Automatic Weapon	**PFDOS**	**III**	**TACOM (ACALA) (Mr. Morgan)**	**TACOM (ACALA)**	**PG**	**DSA, TACOM**
The M249 Squad Automatic Weapon provides a lightweight, one-man portable machine gun capable of delivering a large volume of effective fire to support infantry squad operations.						
Machine Gun, Grenade, 40mm: Mk19 Mod 3	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**
Anti-Personnel/Anti-Light Armor Automatic Grenade Launcher. It uses linked ammunition and fires from the open bolt mode using a modified blow-back type mechanism. The weapon is designed to fire 40mm high velocity series grenade rounds and can be either ground or vehicle mounted.						
Major Instrumentation Program	**PDRR/EMD**	**III**	**CG, STRICOM (BG Bond)**	**PM, ITTS**	**PJ**	**CG, STRICOM**
This program is designed to develop and acquire major test technology and instrumentation to perform Test and Evaluation (T&E) of Army weapon systems. This program covers technologies and instrumentation for both technical and operational testing.						
Malaria Rapid Diagnostic Device	**CE**	**IV**	**CG, MRMC (MG Parker)**	**RAM, MIDRP**	**PJ**	**USAMRMC**
Development of a device to rapidly, accurately, and definitively diagnose malaria in individuals in a field situation. Current definitive diagnosis is made by microscopic examination of blood films which is time consuming and requires considerable training.						
Malaria Recombinant Vaccine (RTS,S/TRAP)	**PDRR**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**
This vaccine consistinf of recombinantly engineered immunogenic fractions of the malaria surface coat is designed to protect service members from falciparum malaria.						
Man Portable Common Thermal Night Sights	**PFDOS**	**IV**	**DSA, AMCOM (BG(P) Armbruster)**	**WSM Thermal Viewers**	**PJ**	**DSA, AMCOM**
Man Portable Common Thermal Night Sights (MPCTNS) is a family of missile systems-mounted and separately employed thermal night sight systems.						

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Maneuver Control system (MCS)	**EMD/PFDOS**	**ID**	**USD(A&T) (Dr. Gansler)**	**PM, ATCCS**	**PD**	**PEO, C3S**

The Maneuver Control System (MCS) provides automated, on-line, near-real-time capability for planning, coordinating, monitoring and controlling tactical operations. It automates the creation and distribution of the common tactical picture of the battlefield for the Army Battle Command System (ABCS). The MCS integrates battle information from other Battlefield Functional Area (BFA) Command and Control (C2) systems to provide timely, accurate status information, as well as situation awareness for the ABCS. The MCS Block IV software will incorporate the Common Operating environment (COE) and will be compliant with the Joint Technical Architecture. The software will also evolve to the ABCS. The MCS will be fielded on CHS-2 hardware and will implement a client/server architecture in a distributed computing environment.

Mask, CML-BIO: Aircrew, M45	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, NBC Defense**	**PJ**	**DAR, SBCCOM**

The M45 Mask is being developed as the replacement for the M49 Mask. It will be usable by all Army helicopter crews except the AH-64 pilots. The mask consists of close-fitting eye lenses, front and side voice emitter for face-to-face and telephone communication, a microphone pass through for aircraft communication, a drink tube pass through for liquid nutrients, a low profile canister interoperability hose assembly to allow both hose and face mounted configurations, interchangeable nosecups, a rubber face piece with an in-turned peripheral seal and a second skin and hood. The mask will provide the required CB protection without the aid of forced ventilation air while maintaining compatibility with aircraft sighting systems and night vision devices. Injection molded composite materials will be used for the component parts to reduce weight and cost.

Mask, CML-BIO: M40A1/M42A2	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, NBC Defense**	**PJ**	**DAR, SBCCOM**

The M40A1/M42A2 masks provide respiratory, eye and face protection against chemical and biological agents. The masks consist of a silicone rubber face piece with an in-turned peripheral face seal and binocular rigid lens system. A face-mounted canister (gas and aerosol filter) can be worn on either the left or right cheek. For the M42A2 armored vehicle version, the canister is connected to the mask via a hose rather than being mask mounted. A microphone is included in the M42A2 armor crew mask. The masks come in small, medium and large sizes.

Mechanized Anchoring System	**CE**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Mechanized Anchoring System will provide a quickly deployable and retrievable family of mechanized shelter anchors with worldwide capability. Anchors will range in capacity from the lower end which will replace wooden stakes to the upper end that will provide soft shelter complexes a fixed point capable of restraining multiple high wind lines. Additionally, a reliable, rugged installation and retrieval system will be provided.

Medical Communications for Combat Casualty Care (MC4)	*****	**IAC**	**DoD CIO (Mr. Money)**	**PM, MC4**	**PD**	**PEO, STAMIS**

An integration of medical information systems to capture the medical record and link care in the "Theater of Conflict" with the sustaining base for enhanced medical care to the warfighter. Currently planning for Army implementation of the DoD software program TMIP (Theater Medical Information Program).

* These systems are being developed in blocks, software packages or increments consequently they cannot be placed in phases.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Medium Extended Air Defense System (MEADS)	**PDRR**	**ID**	**USD(A&T) (Dr. Gansler)**	**PM, MEADS NPO**	**PD**	**PEO, AMD**

The Medium Extended Air Defense System (MEADS) will provide lower tier air, theater missile defense, and cruise missile defense to the maneuver forces and other critical forward deployed assets throughout all phases of tactical operations. MEADS will operate both in an enclave with upper tier systems in areas of debarkation and assembly and provide continuous coverage alone or with Forward Area Air Defense systems in the division area of the battlefield during movement to contact and decisive operations. MEADS will utilize a combination of a netted and distributed architecture, modularly configurable battle elements, interoperability with other airborne and ground based sensors, and improved seeker/sensor components to provide a robust 360 degree defense against the full spectrum of TBM, cruise missile, unmanned aerial vehicle, TASM, rotary wing, and forward wing threats. The Army is Executive Agent for this DoD ACAT ID BMDO program

Medium Tactical Vehicle Replacement Program (MTVR) (USMC)	**EMD**	**II**	**PEO, GCSS (MG Michitsch)**	**PM, MTV**	**PJ**	**PEO, GCSS**

The MTVR replaces the existing medium tactical motor transport fleet of M809/M939 series trucks with cost-effective, state-of-the-art, technologically-improved trucks. Major improvements include a new electronically controlled engine/transmission, independent suspension, Central Tire Inflation System (CTIS), antilock brakes, traction control, corrosion control, and safety/ergonomic features. This program is managed by the Army for the Marine Corps.

Meningococcal Vaccine	**CE**	**IV**	**CG, MRMC (MG Parker)**	**RAM, MIDRP**	**PJ**	**USAMRMC**

A multivalent vaccine for the protection of US forces from the most prevalent types of meningococcal disease. The initial step will be development of a vaccine against Group B meningitis, ultimately to be included in a multivalent vaccine.

Meteorological Measuring Set AN/TMQ-H (MMS)	**PFDOS**	**IV**	**Dir, CECOM LRC (Mr. LaPlaca)**	**CECOM LRC**	**Item/System Manager**	**DSA, CECOM**

The MMS provides a mobile, lightweight upper air automated meteorological data sensing, collecting, processing, formatting and transmission system for the field artillery. The MMS ground terminal is housed in a lightweight multipurpose shelter (LMS) and transported by HMMWV. The system includes a total of 3 HMMWVs, 2 cargo trailers and a trailer mounted generator. Upper atmospheric data is collected by a balloon borne radiosonde that telemeters met data to the ground. The hydrogen generator produces hydrogen gas to inflate meteorological balloons. The HG will be used to support the MMS, AN/TMQ-41. Hydrogen is produced by heating a mixture of methanol and water in the presence of a catalyst. Heat is provided by burning methanol. The HG is mounted on a HMMWV.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Military Tactical Generator (MTG), 2KW	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, MEP**	**PJ**	**DSA, CECOM**

This program is in response to the need to urgently provide a small, lightweight sets to the user that is reliable and single fuel compliant(diesel/JP8). This program evolved from a successful OSD Foreign Comparative Test(FCT) based on a set originally developed for the Canadian Government. To date 650 sets have been fielded and a contract for up to 8500 sets was competitively awarded in 1996. Production started in Nov 98 and fielding started at Ft. Bragg in Apr 99.

Millimeter Wave (MMW) Obscuration	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Smoke & Obscurants**	**PD**	**DAR, SBCCOM**

The MMW program will develop an obscurant material which can be used in either an offensive or defensive mode against sensor systems such as radar and thermal homing sensors. Concepts to be investigated include an on-board cutting and dispensing system, as well as a pre-chopped material. The final system will be capable of being added onto both the M56 and M58 smoke generator Systems.

Mine Clearing Line Charge (MICLIC)	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**

The MICLIC is used to clear a vehicle width path through a minefield. A 5 inch rocket motor is used to tow the explosive line across the minefield. When detonated the explosive line neutralizes mines in a 14m wide by 100m long path.

Mine, Training, All Types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**

This ammunition is being procured to support training.

Miniaturized Airborne GPS Receiver (MAGR) AN/ASN-163	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, GPS**	**PD**	**DSA, CECOM**

The MAGR is a Line Replaceable Unit (LRU) component receiver which processes GPS signals from and antenna subsystem (FRPA-3) and provides position, velocity and time (PVT) information to a host system via MIL-STD-1553 data bus.

Missile Minder System AN/TSQ-73	**PFDOS**	**IV**	**DSA, AMCOM (BG(P) Armbruster)**	**WSM AN/TSQ-73**	**PD**	**DSA, AMCOM**

The AN/TSQ-73 is an all-microelectronic surface-to-air missile fire distribution system providing command and control.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
MLRS Upgrade	**EMD/PFDOS**	**IC**	**AAE (Mr. Hoeper)**	**PM, MLRS**	**PJ**	**PEO, TAC MSL**

The Multiple Launch Rocket System (MLRS) is an artillery weapon system that supplements cannon artillery fires by delivering large volumes of firepower in a short time against critical, time-sensitive targets such as counterbattery fire and suppression of enemy air defenses, light materiel, and personnel targets. The basic warhead carries improved conventional submunitions. However, the MLRS is capable of supporting and delivering all of the MLRS Family of Munitions (MFOM) including the Army Tactical Missile System (Army TACMS) weapons. Growth programs are under way to extend the range of the rocket system and to upgrade the fire control and launcher mechanical systems. The U.S. initial operational capability for MLRS was achieved in 1983. Current plans for improvement of the system include the M270A1 upgrade starting in FY98. This upgrade consists of the Improved Fire Control System (IFCS) and the Improved Launcher Mechanical System (ILMS) modifications. The IFCS will mitigate electronic obsolescence, and provide growth for future weapon systems. The ILMS will provide rapid response to time-sensitive targets by reducing the aiming time by 70 percent and the reload time by 50 percent. The IFCS and the ILMS are in the Engineering and Manufacturing Development Phase.

Mobile Automated Instrumentation Suites (MAIS)	**EMD**	**III**	**CG, STRICOM (BG Bond)**	**PM, ITTS**	**PJ**	**CG, STRICOM**

MAIS is a mobile Real Time Casualty Assessment (RTCA) instrumentation system that supports operational testing of current and future weapon systems through software control of the player's engagement parameters, real time mission control and data collection. The system consists of Player Units for instumenting weapons platforms and the Command, Control, Communication (C3) Center for pre-mission setup, control, and analysis. MAIS will interoperate with current electronic combat equipment and emerging weapon systems. It provides five categories of player instrumentation: fixed/rotary wing aircraft, tracked/wheeled vehicles (artillery, air defense and crew served weapons) and individual soldiers.

Mobile Detection Assessment Response System (MDARS)	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, PSE**	**PD**	**DSA, CECOM**

A mobile robotics sensor platform interfaced with an intrusion detection console. It conducts the physical security tasks of detection, assessment, delay, response, and communications in interior and exterior environments.

Mobile Kitchen Trailer-Improved	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Mobile Kitchen Trailer-Improved addresses the operational and functional deficiencies of the Mobile Kitchen Trailer including operation during cold weather conditions, exhaust of cooking by-products, cooking capacity, and interior lighting.

Mobile Water Treatment	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

This project will develop a system to collect and treat wastewater generated in the field. Treatment of waste from hospitals, laundry and bath, and ROWPU operations is aimed towards control of disease and reduction of negative health effects of contaminated wastewater.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Modern Burner Unit (MBU)	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The MBU is a replacement for the unsafe Military Field Burner (M2). It will operate on JP-8 fuel, has immediate on/off capability and increased safety.

Modern Mount	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

The Modern Mount provides quick and easy movement for traversing and elevation, reduces looseness between weapon and mount, and provides safe, bold and accurate fire on targets at all engagement ranges for Heavy Machine Guns.

Modernized Demolition Initiatives (MDI)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

Modernized Demolition Initiatives (MDI) is an expendable non-electric initiation system that utilizes shock tube to transmit initiation signals to explosives and demolition devices.

Modification, Reconnaissance System, NBC: M93A1 (FOX)	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, NBC Defense**	**PJ**	**DAR, SBCCOM**

The M93A1 FOX NBCRS is a dedicated system of NBC detection, warning and sampling equipment integrated into a high speed, high mobility, wheeled armored carrier capable of performing NBC reconnaissance on primary, secondary or cross country routes throughout the battlefield. The M93A1 has the capability to find and mark chemical and nuclear contamination. Through the secure communications system, it provides warnings to follow on forces. The crew is protected by the inclusion of an on-board overpressure system.

Modified Improved Reserve Parachute System (MIRPS)	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The MIRPS uses the existing 24-foot diameter reserve parachute with a new spring deployment activated device (DAD), a new pilot parachute, and a modified packtray. In appearance the MIRPS will resemble the current T-10R reserve parachute. However, the MIRPS incorporates a new reserve activation system where no action is required by the trooper after pulling the reserve handle.

Modular Artillery Charge System (MACS)	**EMD**	**III**	**PEO, GCSS (MG Michitsch)**	**PM, Crusader**	**PJ**	**PEO, GCSS**

The Modular Artillery Charge System (MACS) is intended for use with fielded 155mm field artillery systems equipped with M199 and M284 39 caliber cannons and the XM297 cannon under development for use on Crusader. The MACS includes two different types of charge increments - the XM231 designed to achieve ranges in zones 1 and 2, and the XM232 designed to achieve ranges in zones 3-6. Each increment contains propellant, an ignition system, and performance enhancing additives that are loaded in a combustible case.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Modular Base Petroleum Laboratory	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

A highly mobile petroleum lab used to test the quality of military petroleum products. The system is housed in two 40 foot semi-trailers which can be rapidly deployed to an area of operations anywhere in the world. This capability eliminates the need for building or leasing fixed base facilities.

Modular Command Post System	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Modular Command Post System is highly mobile, lightweight, and easy to set up/strike. The number of tents that may be complexed together is limited only by terrain. It is used when tactical situations require high mobility and high frequency redeployment.

Modular Crowd Control Munition (MCCM)	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

Less than Lethal means of breaking up large groups of hostile personnel. Provides incapacitation of personnel through robust flash-bang and stinging rubber balls. Capable of being mounted on vehicles with special mounting bracket.

Modular Decontamination System (MDS) M21/M22	**PFDOS**	**IV**	**Acq Ex, SBCCOM (Mr. McKivrigan)**	**RDEC**	**Item/System Manager**	**DAR, SBCCOM**

The MDS consists of one Decontaminant Pumper (DP) module, and two High Pressure Washer (HPW) modules. Each module may be transported on the high mobility trailer towed by an M56 Smoke System or a HMMWV. Chemical units with TO&E will be prfovided site material for detailed equipment decontamination and non chemical units with the capability for operational decontamination as described in FM 3-5. The MDS will be fielded to the dual purpose smoke/chemical companies replacing the M12A1 Skid Mounted Decon Apparatus and the M17 Lightweight Decon system. Non-chemical units may be provided with the M22 HPW for operational decontamination.

Modular General Purpose Tent System	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Modular General Purpose Tent System provides protection for personnel and equipment from debilitating effects of continuous exposure in climatic categories hot, basic, cold and severe cold. The MGPTS will be used to support operations across the operational continuum.

Modular Relocatable Buildings	**CE**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Modular Relocatable Buildings will provide modular semi-permanent, securable structures. Current field fabricated solutions are labor intensive, expensive and unrecoverable.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Modular Weapon System	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Provides a system of mounting rails/methods for Rifles/Carbines Attaching Sights, and Accessories. Allows combat commander to custom configure weapons based upon mission needs. Key vcomponent of Land Warrior Lethality.

Monocular Night Vision Device (MNVD) AN/AVS-14	**PFDOS**	**III**	**PEO, IEW&S (MG Gust)**	**PM, NV/RSTA**	**PJ**	**PEO, IEW&S**

MNVD is a small tubular shaped single eye piece lens assembly with a state-of-the-art image intensification for amplifying low levels of starlight/moonlight for night operations.

Mortar Fire Control System	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**

Mortar Fire Control System (MFCS) is a digitized fire control system that includes a fire control computer, position navigation, and gun pointing. MFCS integrates mortar platoons into the current and future fire support command and control architecture.

Mortar, 120mm, Weapon System, M121	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**

The M121 Mortar Weapon System is a 120mm mortar system mounted in the M1064/M1064A3 carriers.

Mortuary Affairs Remains Kit	**PDRR**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The MARK will provide a combat service support capability and/or augment current capabilities for the Mortuary Affairs Company. The MARK will consist of a Racking System, Conveyor System, and nestable transfer cases. The Racking System will be compatible with the next generation of refrigerated container systems. The Racking System and Conveyor System should be composed of lightweight, durable materiel and be able to be sanitized.

Mount, GMG, MK64, Mod 9	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Material change to the mount for the 40mm, anti-personnel/anti-light armor automatic grenade launcher, which improves accuracy of the MK64 mount. Supports the Soldier Enhancement Program.

Multi-Option Fuze for Artillery (MOFA)	**EMD**	**III**	**PEO, GCSS (MG Michitsch)**	**PM, Crusader**	**PJ**	**PEO, GCSS**

MOFA will provide proximity, time delay and point detonation functions for 105mm, 155mm and bursting projectiles.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Multi-Purpose Individual Munition/Short Range Assault Weapon (MPIM/SRAW)	**EMD**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, MPIM/SRAW**	**PD**	**DSA, AMCOM**

The MPIM/SRAW is a one-man light weight, shoulder fired, fire and forget, multiple purpose munition capable of defeating enemy forces in buildings, reinforced structures, bunkers and future light weight armored vehicles. The MPIM/SRAW consists of a disposable launcher/carry case equipped with a 2.5X telescopic sight that is compatible with current and future night vision devices. The shoulder launched missile consists of a two state, soft launch propulsion system with inertial guidance and an explosively formed penetrator with follow-through grenade warhead. The missile is capable of being fired quickly from its carrying configuration and safely fired from enclosures. Joint effort with USMC.

Multiple Integrated Laser Engagement System (MILES) 2000	**PFDOS**	**III**	**CG, STRICOM (BG Bond)**	**PM, LTS**	**PD**	**CG, STRICOM**

MILES 2000 is a program to procure replacements for the basic MILES devices which provide tactical engagement simulation for direct fire, force-on-force training using eye-safe laser "bullets". The devices replicate the ranges, vulnerabilities, weapon characteristics and ammunition of the weapons being simulated. The devices are configured to cover a wide range of existing weapons and are capable of being readily adaptable to new weapons or modifications to existing weapons.

Multiple Magazine Holder	**PFDOS**	**IV**	**TACOM (ACALA) (Mr. Morgan)**	**TACOM (ACALA)**	**PG**	**DSA, TACOM**

Provides a clip to attach two magazines together which reduces the time needed for the soldier to change magazines. This program is in support of the Soldier Enhancement Program.

Multipurpose Integrated Chemical Agent Detector (MICAD) Alarm	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, NBC Defense**	**PJ**	**DAR, SBCCOM**

The MICAD is an NBC warning and reporting system that monitors NBC detectors, sensors and tactical communications equipment on board vehicles, vans and shelters. The MICAD digitizes new contamination information for use by contamination avoidance software such as the Automated NBC Information System (ANBCIS) both locally and remotely. The MICAD digital data and NBC alarms are sent and received on standard voice and digital tactical communications systems for both horizontal and vertical transmission on the battlefield.

Muzzle Velocity System	**PFDOS**	**IV**	**TACOM (ACALA) (Mr. Morgan)**	**TACOM (ACALA)**	**PG**	**DSA, TACOM**

The Muzzle Velocity System measures muzzle velocity of cannon artillery projectiles, replacing the M-90 Velocimeter. The M93 version is for the Paladin and the M94 version is for all other conventional artillery weapons.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
National Airspace System (NAS)	**EMD/PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, ATC**	**PD**	**DSA, AMCOM**

The NAS integration program provides engineering and automation necessary for Army ATC facilities to interface with FAA and sister DOD ATC facilities while controlling aircraft in the National Airspace System. The following systems comprise the NAS program: Digital Airport Surveillance Radar (DASR), Military Airspace Management System (MAMS), Digitized AN/FPN-666 Surveillance Radar System, Video Information Distribution System (VIDS), Uninterrupted Power Supply (UPS), and the Voice/Switch Programs.

National Missile Defense (NMD) Ground Based Elements (GBE)	**PDRR**	**ID**	**USD(A&T) (Dr. Gansler)**	**PM, GBE**	**PG**	**PEO, AMD**

The National Missile Defense (NMD) system will provide highly effective protection of the fifty United States, power projection forces, population, and industrial base against limited strategic ballistic missile attacks. The United States currently has no defense against intercontinental strategic ballistic missile threats. The initial fixed-site, ground-based NMD system will be capable of conducting multiple, simultaneous, over-the-horizon, hit-to-kill intercepts of threat warheads. The threats will be destroyed in their midcourse phase of flight at long ranges well outside the earth's atmosphere for effective protection on the ground. The initial NMD system consists of the dedicated Ground Based Elements that will operate in conjunction with the Integrated Tactical Warning and Attack Assessment System (ITW/AA) in Cheyenne Mountain. The ITW/AA system is supported by the Defense Support Program (DSP), the Space Based Infrared System (SBIRS), and Upgraded Early Warning Radars (UEWR). The Ground Based Elements consist of the Ground Based Interceptor (GBI), the X-Band Radar (XBR), and part of the Battle Management, Command, Control, and Communications (BMC3). The initial system will include 20-100 GBI missiles, one or more XBRs, Execution Level BMC3 at the Deployment Site(s), and Command Level BMC3 in Colorado Springs integrated with the ITW/AA System. The GBI is a dormant, long-range, high-velocity, hit-to-kill missile consisting of an Exoatmospheric Kill Vehicle (EKV) on a three-stage, solid-rocket booster with associated command, launch, and support equipment. The EKV includes a multi-color, long-wave infrared sensor subsystem; inertial guidance, navigation, and control subsystem; and divert and attitude control subsystem. The XBR is a wide bandwidth, solid state, phased array radar that provides precision long-range acquisition, tracking, discrimination, and hit assessment. The BMC3 provides highly-automated, fault-tolerant engagement planning and decision aids for the operators, inter- and intra-site connectivity including the NMD Communications Network (NCN), and the In-Flight Interceptor Communications System (IFICS) that provides target updates and target object maps to the interceptor after launch. The NMD program is a joint service program led by the Ballistic Missile Defense Organization (BMDO). The Army is the BMDO Executive Agent for the dedicated Ground Based Elements of the ACAT ID Joint NMD Program. The Army (active and reserve components) will field, operate, and sustain the Ground Based Elements.

Nerve Agent Antidote, Multichambered Autoinjector	**EMD**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

This will replace the current autoinjector with a new autoinjector providing delivery of both atropine and 2-PAM Chloride from different chambers in the same autoinjector through a single needle.

New Aviation Tool System 95 (NATS-95)	**PFDOS**	**IV**	**DSA, AMCOM (BG(P) Armbruster)**	**WSM AGSE**	**PD**	**DSA, AMCOM**

An improved tool system featuring enhanced inventory and quality tools.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
New Training Helicopter (NTH)	**PFDOS**	**III**	**CG, AMCOM (MG Sullivan)**	**PM, Kiowa Warrior**	**PD**	**DSA, AMCOM**
The Army's NTH (TH-67) is a Bell 206. Its function is to replace existing Hueys being used for training Initial Entry Rotary Wing students. The TH-67 (Creek) will require approximately one-third the operating and support cost of the Huey.						
Night Vision Systems--Mini Eyesafe Laser Infrared Observation Set (MELIOS)	**PFDOS**	**III**	**PEO, IEW&S (MG Gust)**	**PM, NV/RSTA**	**PJ**	**PEO, IEW&S**
Mini Eyesafe Laser Infrared Observation Set (MELIOS) is designed to meet all ranging requirements of the infantry and selected requirements of other branches and services out to ranges of 10KM with plus or minus 5M accuracy.						
Night Vision Thermal Systems--The Driver's Vision Enhancer (DVE)	**PFDOS**	**III**	**PEO, IEW&S (MG Gust)**	**PM, NV/RSTA**	**PJ**	**PEO, IEW&S**
The Driver's Vision Enhancer (DVE) is a passive thermal imaging system designed to provide drivers of tactical wheeled vehicles with the capability to continue normal driving operations in all ambient light levels and in the presence of natural and man-made obscurants. DVE is currently in limited procurement.						
Night Vision Thermal Systems--Thermal Weapon Sight (TWS)	**PFDOS**	**III**	**PEO, IEW&S (MG Gust)**	**PM, NV/RSTA**	**PJ**	**PEO, IEW&S**
Thermal Weapon Sight (TWS) is a class of low cost, lightweight, infrared imaging devices of medium to high resolution to be used for fire control of individual and crew served weapons during both daylight and darkness.						
Non-Destructive Test Equipment (NDTE)	**PFDOS**	**IV**	**DSA, AMCOM (BG(P) Armbruster)**	**WSM AGSE**	**PD**	**DSA, AMCOM**
Consists of four Air Force managed systems: X-ray, Harmonic Bond Tester, Ultrasound Tester, and Eddy Current Tester. These units support all Army rotary wing aircraft.						
Non-Lethal 40mm Cartridge	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**
A 40mm non-lethal cartridge for use with the M203 grenade launcher. It will provide a less than lethal means of crowd control. This program is in support of the Soldier Enhancement Program.						

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name)	PM	PM Level*	Organization Reports To
Nuclear Tester	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

This tester is used to measure the density and moisture levels of soils and asphalt samples by engineer construction units. It contains radio-active materiel, is serial number controlled, and managed under nuclear regulatory commission license granted to TACOM.

Objective Individual Combat Weapon (OICW)	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

The OICW will demonstrate the next generation Infantry weapon with modular, dual barrel that combines the lethality of a 20mm air-bursting munition, 5.56mm NATO ammunition and a full solution fire control system. The air-bursting munition will be capable of defeating targets in defilade at a standoff range of 1000 meters. OICW is thlethality block upgrade to the Land Warrior Program. This program will transition to PMSA 1QFY00

Packaged Water System (PWS)	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

The Packaged Water System will be used to resupply combat forces with drinking water during early entry and prior to arrival of Combat Service Support Units. It will also be used to resupply troops in an NBC environment and reduce reliance on host nation support.

Palletized Load System	**PFDOS**	**II**	**DSA, TACOM (COL(P) Harrington)**	**PM, HTV**	**PJ**	**DSA, TACOM**

The Palletized Load System (PLS) consists of a 16.5-ton payload prime mover (10x10) with an integral load-handling system, which provides self-loading and unloading capability; a 16.5-ton payload trailer; and demountable cargo beds, or flatracks. The PLS performs line haul, local haul, unit resupply, and other missions in the tactical environment to support modern and highly mobile combat units. The PLS truck is equipped with a central tire inflation system (CTIS), which significantly improves off-road mobility. An intermodal flatrack with enhanced transportability, stacking and deployability has been in production since FY95. The Containerized Roll-in/Out Platform (CROP), an A-Frame flatrack which fits inside a 20-foot International Standards for Organization (ISO) Container, was acquired in FY97. The PLS is a primary component of the Maneuver Oriented Ammunition Distribution System (MOADS) in support of field artillery. The PLS will allow interoperability with the comparable British, German and French systems, through the use of a common flatrack. A flatrack-to-truck ratio of 10:1, in theater, has been determined to be the minimum requirement to support MOADS. A container handling unit (CHU) will be fielded to transport 20-foot ISO containers without the use of a flatrack.

Palletized Load System (PLS) Bituminous Distributor Module	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, HTV**	**PJ**	**DSA, TACOM**

The M1075 PLS Bituminous Distributor module is a Non-Developmental Item which is detachable from the M1075 PLS truck. It has a 2,800 gallon capacity for hot bitumen and is independently powered by a powered pump. It is used to deliver liquid bitumen for road and airfield construction. The M1075 PLS truck and M1076 PLS trailer are transportable by highway, rail, marine, and air modes.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Palletized Load System (PLS) Truck	**PFDOS**	**III**	**DSA, TACOM**	**PM, HTV**	**PJ**	**DSA, TACOM**
Concrete Mobile Mixer Module, 8 CU YD			**(COL(P) Harrington)**			

The PLS concrete mobile module is a Non-Developmental Item module which is detachable from the M1075 PLS truck and is used to manufacture, transport, and pour concrete. It has a special 8 cubic yard capacity body with compartments for water, sand, gravel, and cement. Cement products are loaded from the top and flow to a chute for mixing and distribution out the rear of the vehicle. The system is powered independly from the PLS truck and is able to be transported by the M1076 PLS trailer. The M1075 PLS truck and M1076 PLS trailer are transportable by highway, rail, marine, and air modes.

Patriot Advanced Capability (Patriot PAC-3)	**PFDOS**	**ID**	**USD(A&T)**	**PM, Patriot**	**PJ**	**PEO, AMD**
			(Dr. Gansler)			

The Patriot Missile System provides high- and medium-altitude air defense capability for critical assets and maneuver forces belonging to the corps and to echelons above corps. The Patriot Advanced Capability-3 (PAC-3) missile is a high velocity hit-to- kill, surface-to-air missile capable of intercepting and destroying both maneuvering and non-maneuvering tactical ballistic missiles and air breating threats such as cruise missiles and aircraft. The Pac-3 missile provides the range, accuracy, and lethality to effectively defend against tactical missiles with conventional high explosive, biological, chemical, and nuclear warheads. The missle uses a solid propellant rocket motor, areodynamic vane controlls, and inertial guidance to navigate to an intercept point. Just prior to intercept, the missile's rate of spin is increased, the on-board radar homing seeker acquires the target, and terminal homing guidance is initiated to achieve hit-to-kill by high resolution maneuvers. The PAC-3 system upgrade, along with the PAC-3 missile, will provide an advanced anti-tactical missile capability to the current fielded system. The combat element of the Patriot Missile System is the fire unit, which consists of a phased array Radar Set (RS), an Engagement Control Station (ECS), an Electric Power Plant (EPP), an Antenna Mast Group (AMG), and eight remotely located Launching Stations (LS). The RS provides all tactical functions of airspace surveillance, target detection and tracking, and missile guidance. The ECS provides the human interface for command and control of operations. Currently, each launcher contains four ready-to-fire missiles, sealed in canisters which serve a dual purpose as shipping containers and launch tubes. Patriot's fast reaction capability, high firepower, ability to track 50 targets simultaneously, and the ability to operate in a severe electronic countermeasures environment are features not available in previous air defense systems. The PAC-3 upgrade program will incorporate significant upgrades to the RS, ECS, and will include up to 16 advanced hit-to-kill missiles on three to four of the eight launchers per firing battery, thus increasing fire power and ballistic missile defense capabilities.

The Army is the Executive Agent for this DoD ACAT ID program which is a component of Ballistic Missile Defense Organization programs

Penetration Augmented Munition (PAM)	**EMD**	**III**	**DSA, TACOM**	**PM, MCD**	**PJ**	**DSA, TACOM**
			(COL(P) Harrington)			

Manportable multi-stage munition that attaches to and defeats large reinforced bridge piers.

Personal Defense Weapon, 9mm	**PFDOS**	**IV**	**CG, TACOM**	**TACOM (ACALA)**	**PG**	**DSA, TACOM**
			(MG Caldwell)			

Standard issue hand gun, replaces the 45 cal. and 38 cal. hand guns.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Petroleum Quality Analysis System (PQAS)	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

PQAS is a highly mobile, transportable, modern laboratory for on-site testing and analysis of all common military fuels acquired from a variety of sources. The PQAS is lightweight, compact and sufficiently rugged to allow transporting on and operating from a HMMWV. The PQAS is operated on the extended battlefield and will accommodate all tests necessary to determine fuel quality. This system will replace the Airmobile Petroleum Laboratory.

Petroleum Quality Surviellence Laboratory (PQSL)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

This mobile lab provides quality surveillance testing under field conditions and also has a limited capability to perform procurement acceptance testing of petroleum products.

Platoon Early Warning Device-II (PEWD-II)	**EMD**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, PSE**	**PD**	**DSA, CECOM**

Upgraded replacement for Platoon Early Warning System.

POL 10,000 Gallon Fabric Tank Assembly	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

This is a separately authorized component of the Fuel System Supply Point and also serves as an auxiliary tank for special operations.

POL 20,000 Gallon Tank Assembly	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

The 20.000 Gallon POL Tank Assembly is a separately authorized component of the FSB and also serves as an auxiliary tank for special operations.

POL 3000 Gallon Fabric Tank	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

The 3000 Gallon Fabric Tank is an associated item of the Modular Fuel System Supply Point which is in the development stage and is an upgrade of the current Fuel System Supply Point. It is also authorized in some combat support units.

POL 350 GPM Filter Separator	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

The 350 GPM Filter Separator has multiple uses with its main application to the fuel System Supply Point. Other uses include support to the HEMTT Aviation Refueling System and refueling on the move. It supports the Army's primary means of distributing and issuing usable petroleum to combat forces under tactical conditions by filtering sediment and water from the fuel.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
POL 350 GPM Pump (Regulated)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

The 350 GPM Pump (Regulated) is a multi-purpose pump with its primary application to the hoseline outfit. It supports the Army's primary means of distributing and issuing petroleum to combat forces under tactical conditions.

POL 50 GPM Pump	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

The 50 GPM Pump is an auxiliary/utility pump required in all types of Army units for multiple usage. This includes drawing fuel from storage tanks and from collapsible or 42-gallon metal drums. It also has general use in unit, battalion, and higher support units.

POL 50,000 Gallon Fabric Tank Assembly	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

The 50,000 Gallon Fabric Tank Assembly is a separately authorized component of the Fuel System Supply Point, Inland Petroleum Distribution System, and also serves as an auxiliary tank for special operations.

POL 600 Gallon Trailer Mounted Tank Unit	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

The 600 Gallon Trailer Mounted Tank Unit is a component of the high profile Tank and Pump Unit (Truck Mounted), Tank Unit, Liquid Dispensing for Trailer Mounting and also issued as a separate or replacement item.

POL Items less than $5M	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

The equipment procured with this "basket" program supports the Army mission of providing bulk petroleum fuel distribution to all DoD level based forces in a theater of operations. The program includes a wide variety of low unit cost, high usage items such as POL tanks, pumps, test equipment and storage and distribution systems. Each has an annual procurement of $2M or less.

Precision Guided Mortar Munition	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Mortars**	**PD**	**DSA, TACOM**

Precision guided Mortar Munition 81mm and 120mm autonomous anti-tank mortar munitions utilizing state of the art technologies.

Precision Lightweight GPS Receiver (PLGR) AN/PSN-11	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, GPS**	**PD**	**DSA, CECOM**

The PLGR is self-contained, handheld receiver that processes GPS signals and provides, velocity, and time (PVT) information.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Project Soldier	*	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier	PJ	DAR, SBCCOM

Project Soldier is responsible for a host of products worn, carried or consumed by the individual soldier. There are two subordinate product managers included in the PMO's responsibilities, Land Warrior and the Enhanced Soldier Systems. Separate descriptions and accounting information for these products are listed elsewhere independently within this document.

* Systems managed under the Project Soldier are in all phases of development and production.

Projectile, 155mm Extended Range Dual Purpose Improved Conventional Munition (XM982)	EMD	III	PEO, GCSS (MG Michitsch)	PM, ARMS	PD	PEO, GCSS

The XM982 is an extended range Dual Purpose Improved Conventional Munition (DPICM) 155mm artillery projectile. It will be compatible with all current and future 155mm artillery systems in the U. S. inventory. The XM982 will extend the range of the M198, M109A5, 155mm Paladin (M109A6), and the Light Weight Howitzer to approximately 37 kilometers. The XM982 with the Modular Artillery Charge System (MACS) extends the Crusader range to 47 kilometers. Survivability is increased by allowing greater stand-off from threats and faster defeat of potential threats.

Projectile, Arty 155mm, all types	PFDOS	IV	CG, IOC (MG Arbuckle)	SMCA	Item/System Manager	CG, IOC

This item consists of many rounds, including the M485A2 Illuminating Projectile, the M718/M718A1/M741/ M741A1 Remote Anti-Armor Mine System (RAAMS) Projectile, the M692/M731 Area Denial Artillery Munition (ADAM) Projectile, the M825/M825A1 WP Smoke-Screening Projectile, the M712 Copperhead Projectile, the M483A1 Dual - Purpose Improved Conventional Munition (DPICM) Projectile, and many others.

Pusher Tug, Small	PFDOS	IV	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM

A steel hull craft, 61 ft. long, twin propulsors w/twin diesel inboard drive, 5 berths, dinette, 2 diesel generators, whose mission is to provide towing of LASH and general barges in harbors, inland waterways, and along coastlines.

QUICKFIX	PFDOS	IV	DSA, CECOM (COL(P) Mazzucchi)	CECOM LRC	Item/System Manager	DSA, CECOM

The AN/ALQ-151 (V)2, QUICKFIX, Special Purpose Countermeasures System, is an aviation asset. Installed in an EH-60A, Blackhawk Helicopter with a primary mission to INTERCEPT, LOCATE and JAM enemy communications and pass such intelligence to Military Intelligence elements. The EH-60A Helicopter, its Avionics, Aircraft Survivability Equipment (ASE), and Integrated Inertial Navigation System (IINS) is maintained under the Aviation Unit Maintenance (AVUM), Aviation Intermediate Maintenance (AVIM) and Depot maintenance philosophy. The Mission Equipment Package (MEP) is maintained under the four level maintenance concept: Unit Level (UL), Direct Support (DS), General Support (GS) and Depot.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Radiac Set AN/UDR-13, Pocket Radiac	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, NBC Defense**	**PJ**	**DAR, SBCCOM**

The AN/UDR-13 Pocket Radiac (PR) Set is a compact, handheld, tactical device capable of measuring the gamma dose-rate and gamma/neutron cumulative dose in a battlefield environment. Its pocket size permits convenient use by airborne, mounted, and ground forces. Presettable alarms are provided for both the dose-rate and total dose modes. A push-button pad enables mode selection and functional control. Data readout is by liquid crystal display (LCD).

Radiological Water Monitor	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

This program covers the development of a system which will be able to measure radioactivity in raw and product water to determine if radiation health criteria are being met. Currently the Army does not have adequate capability to monitor raw and product water for the established levels of radioactivity. The system has to be able to measure 1000 picocuries per liter against a background gamma radiation level of up to 100 milliroentgen per hour. The system will be used by Quartermaster Units to select raw water sources and by Preventive Medicine teams to approve water for potable uses.

Rail Adapter System (RAS), XM4/M5	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

This system provides a mounting surface for M16 rifles and M4 carbines which will allow attachment of day and night sights and other accessories. A Soldier Enhancement Program supporting the Land Warrior System.

Ranger Anti-Armor, Anti-Personnel Weapon System (RAAWS)	**PFDOS**	**IV**	**DSA, TACOM (COL(P) Harrington)**	**ARDEC**	**Item/System Manager**	**DSA, TACOM**

The Ranger Anti-Armor, Anti-Personnel Weapon System is an 84mm recoilless rifle and family of ammunition designed to defeat lightly armored targets, personnel and field fortifications. This NDI effort is specifically for the SOF-Rangers.

RC-12/C-12	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Fixed Wing Aircraft**	**PD**	**DSA, AMCOM**

Various avionics upgrades to make the aircraft compatible with future international navigation requirements, improve aircraft pilotage, and increase aircraft life.

Refrigerated Container Systems	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

Provides mission-critical refrigeration capability at forward areas for specialized military units. The Refrigerated Container System is used to transport perishable rations for field feeding units and human remains for hospital/mortuary affairs units.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Remote Activated Munition System (RAMS)	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**
Lightweight transmitter/receiver that is compatible with demolition munitions and other Special Operations Force equipment.						
Remote Mount/Common Remotely Operated Weapon System (CROWS)	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**
A remote vehicle mounting system for heavy and medium machine guns MK 19 GMG, .50 Cal M2, M240, and Objective Crew Served Weapon (OCSW). Improved system accuracy and operational response time. Modular, open architecture will readily allow future improvements.						
Reserve Component Automation System (RCAS)	*****	**IAM**	**ARMY CIO (LTG Campbell)**	**PM, RCAS**	**PJ**	**PEO, IS**
A comprehensive computer system to support the decision making needs of commanders, staff and functional managers responsible for leading and managing Army Guard and Army Reserve units. It provides all the information necessary to support mobilization of the Army Guard and Army Reserve units. It also significantly improves our ability to accomplish the hundreds of day-to-day administrative tasks at home station more efficiently.						
* Increments 1 & 2: PFDOS; Increments 3, 4-7: EMD						
Rifle Launched Non-Lethal Munition	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**
Provides a muzzle launched cartridge for the M16A2/A4 rifle and the M4 carbine for use in non-lethal crowd control. Supports the Soldier Enhancement Program.						
Robotic Combat Support System	**CE**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, JPO UGV/S**	**PJ**	**DSA, AMCOM**
The Robotic Combat Support System (RCSS) is a light, robotic, soldier-controlled vehicle system used to support several missions by attaching and removing attachments. Capabilities include: compactor, picket driving, anti-personnel mine and booby-trap proofing flail kit. The RCSS will have a medium and light version.						
Rough Terrain Container Crane (RTCC)	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**
The RTCC is a diesel engine driven vehicle with pneumatic tires, all wheel drive/steer carrier, and a superstructure with a hydraulically operated telescoping boom capable of 360 degree rotation while loaded. This program supports units identified in the Logistic Unit Productivity Study. The RTCC will replace the 50,000 lb Rough Terrain Container Handler in GS ammo units and the 140 ton crane in Terminal Transfer Units.						

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Rough Terrain Container Handler (RTCH)	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MHE**	**PD**	**DSA, TACOM**

This acquisition is a re-procurement and will be procured as a non-developmental item. The 50K Rough Terrain Container Handler (RTCH) can stack 8 foot wide, 20 & 40 foot long ISO containers two high as well as handle 50K conventional forklift loads if equipped with fork tines. The vehicle is diesel engine driven and was engineered by combining a commercial chassis designed for rough terrain operations with a commercial forklift mast and container handling top attachments. The RTCH is four wheel drive and capable of fording up to 5 feet in saltwater. It is used by Transportation Cargo Transfer Companies, Transportation Terminal Service Companies, and General Support Ammunition Companies to transfer containers from the ground to waiting transportation, or from one mode of transportation to another. The RTCH mission requirements have expanded from depots, OTS airfields, rail yards, and sea ports to beach operations and Corps, Division, and Bridge forward support areas.

Rough Terrain Container Handler Rebuild Program	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MHE**	**PD**	**DSA, TACOM**

The Rough Terrain Container Handler (RTCH) is used to stack either 20 ft. or 40 ft. ISO container weighing up to 50,000 lb.. These RTCH's are 15 years old. The rebuild program, which brings the vehicles back to their original performance specifications, is expected to extend the service life by 10 years and will yield cost savings over a new acquisition.

Schistosome Topical Antipenetrant	**EMD**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

A topical formulation containing niclosamide that will prevent penetration of schistosome cercariae (i.e., will prevent infection from occurring).

Scoop Loader	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MHE**	**PD**	**DSA, TACOM**

Scoop loaders (4-1/2 to 5 cu. yd capacity) are diesel engine driven 4X4 versatile items of equipment with rear axle oscillation and articulated frame steering. They are primarily used for loading trucks in rock quarries and after excavating earth, loose rock or sand.

Scraper, Elevating Self-Propelled, 11 CU YD	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MHE**	**PD**	**DSA, TACOM**

This scraper is used by Airborne/Airmobile Combat Engineering Units for earthmoving work, such as construction and maintenance of roads and airfields. The unit has been sectionalized into two sections for external air transport by helicopter.

Scraper, Elevating Self-Propelled, 14 - 18 CU YD	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MHE**	**PD**	**DSA, TACOM**

This scraper is used by Heavy Combat Engineering Units for earthmoving work, such as construction and maintenance of roads and airfields.

Program	Current	ACAT	Program (Name Mgr	PM	PM Level*	Organization Reports To
Second Generation FLIR, Horizontal Technology Integration (HTI)	**EMD/LRIP**	**II**	**PEO, IEW&S (MG Gust)**	**PM, FLIR**	**PD**	**PEO, IEW&S**
The objective of this program is to select, develop and demonstrate a greatly increased capability to fight during periods of reduced visibility. The 2nd Gen FLIR promises to provide better resolution and increased clarity at greater ranges than existing systems and will allow combined arms forces to see the same battlespace while achieving cost reductions through commonality and potential economies of scale. The 2nd Gen FLIR will be applied to the Bradley Fighting Vehicle, M1A2 Abrams and the Long Range Advanced Scout Surveillance System (LRAS 3).						
Secure Mobile Anti-Jam Reliable Tactical Terminal (SMART-T)	**PFDOS**	**IC**	**AAE (Mr. Hoeper)**	**PM, MILSATCOM**	**PJ**	**PEO, C3S**
The SMART-T, mounted on a standard HMMWV, provides range extension for the Army's Mobile Subscriber Equipment (MSE) system at Echelons Corps and Below. In addition, the terminal provides a capability to operate in four simultaneous, full duplex, communications channels. The Army is also integrating eight Air Force procured Ground Command Post (GNDCP) Terminals into the Army force structure. The GNDCP is a network control terminal, in fixed and transportable configurations, which operates and manages assigned service/CINC Milstar communications and user priorities.						
Secure Telephone System	**PFDOS**	**IV**	**Dir, CECOM LRC (Mr. LaPlaca)**	**CECOM LRC**	**Item/System Manager**	**DSA, CECOM**
Provides seamless interoperability between strategic and tactical system operations. Features include: Software upgradeable; Auto answer/unattended operation; ISDN (Digital) for voice, fax, VTC, Data; Matches MISSI Technologies; Compatible with LPPS (Lightweight Portable Power Supply)						
Selectable Lightweight Attack Munition (SLAM)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**
Lightweight (2.2 lb.) munition that will defeat a variety of targets with 4 modes of operation (magnetic bottom attack, passive infrared side attack, time demolition, command detonation)						
Self-Powered Mutil Functional Water Heater	**CE**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**
The Self-Powered Multi-Functional Water Heater program will provide a portable, multi-functional water heater/power plant for providing forced hot water for field use in field sanitation and showers as well as laundry applications for units in remote locations. This equipment will replace the immersion heater that is inefficient and dangerous. This equipment will be lightweight, rugged, reliable and capable of producing its own power.						

Program	Current	ACAT	MDA (Name)	PM	PM Level*	Organization Reports To
Sense and Destroy Armor (SADARM)	**EMD/LRIP**	**IC**	**AAE**	**PM, ARMS**	**PD**	**PEO, GCSS**
			(Mr. Hoeper)			

SADARM is a fire-and-forget, multi-sensor, smart munition designed to detect and destroy counter-measured armored vehicles, primarily self-propelled artillery. It is effective in all weather and terrain. SADARM is delivered to the target area by 155 mm artillery projectiles. Each projectile carries two SADARM highly sophisticated submunitions. Once dispensed from its carrier, the intelligent submunition detects appropriate targets using dual-mode millimeter wave and infrared sensors. Because of the multi-mode sensor suite, the submunition is equally effective against desert background and winter snow. It fires a highly lethal explosively formed penetrator through the top of the target. SADARM is a gun-hardened submunition with the capability to be dispensed from a variety of carriers. SADARM was approved for Low Rate Initial Production following a Milestone III Defense Acquisitioin Board in Mar 1995.

Sentinel	**PFDOS**	**IC**	**AAE**	**PM, Sentinel**	**PD**	**PEO, IEW&S**
			(Mr. Hoeper)			

The Sentinel system consists of the High Mobility Multi-purpose Wheeled Vehicle Group and the Antenna Transceiver Group mounted on a one-ton, wide-track trailer. Sentinel provides critical air surveillance of the forward areas; automatically detects, tracks, classifies, identifies, and reports target data to Short Range Air Defense weapon systems and battlefield commanders via the FAADC2I data link or directly from the Sentinel using the EPLRS or SINCGARS data radios.

Shigella Flexneri Vaccine	**PDRR**	**IV**	**CG, MRMC**	**DIR, USAMMDA**	**PJ**	**USAMRMC**
			(MG Parker)			

This is a vaccine origanally developed at Institut Pasteur in Paris and further refined by USAMRMC to prevent dysentery produced by Shigella flexneri.

Shigella Sonnei Vaccine	**PDRR**	**IV**	**CG, MRMC**	**DIR, USAMMDA**	**PJ**	**USAMRMC**
			(MG Parker)			

A vaccine developed at Walter Reed Army Institute of Research to protect soldiers against diarrhea caused by Shigella sonnei.

Shigella Vaccines	**CE**	**IV**	**CG, MRMC**	**RAM, MIDRP**	**PJ**	**USAMRMC**
			(MG Parker)			

Vaccines for the protection of US forces from the 3 prevalent species of Shigella causing severe diarrheal disease: Shigella flexneri, S. sonnel, and S. dysenteriae. Vaccines will protect at least 80% of immunized individuals deployed to endemic areas.

Shop Equipment Contact Maintenance (SECM)	**PDRR**	**IV**	**CG, AMCOM**	**WSM AGSE**	**PD**	**DSA, AMCOM**
			(MG Sullivan)			

High Mobility, Multipurpose, Wheeled Vehicle (HMMWV) Heavy Variant (HHV) with an enclosure on back used to transport personnel, repair parts, and tools to forward battlefield locations to repair disabled aircraft.

Shotgun Shells, all types	**PFDOS**	**IV**	**CG, IOC**	**SMCA**	**Item/System Manager**	**CG, IOC**
			(MG Arbuckle)			

This ammunition is being procured in support of all shotgun applications.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Signals, all types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**

This ammunition is being procured in support of training. These signals are generally used in Combined Arms Training as a means of communication.

Simulators, all types	**PFDOS**	**IV**	**CG, IOC (MG Arbuckle)**	**SMCA**	**Item/System Manager**	**CG, IOC**

This ammunition is being procured in support of training. These simulators are generally used in Combined Arms Training as a means of simulating the sights and sounds of battle.

Simulators, Threat Que, M25/M26/M27/M79	**PFDOS**	**IV**	**CG, TACOM (MG Caldwell)**	**TACOM (ACALA)**	**PG**	**DSA, TACOM**

Series of computer/radio controlled firing fixtures providing cues from simulated threat vehicles during heavy armor firing practice.

Single Channel Anti-jam Manportable (SCAMP)	**PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, MILSATCOM**	**PJ**	**PEO, C3S**

The Milstar Single Channel Anti-Jam Manportable (SCAMP) Block I is a manportable, battery-powered terminal that provides four channel LDR secure voice at 2400 bps and secure data at 75-2400 bps through the use of the Extremely High Frequency (EHF) Milstar satellite. The program is under the auspices of Product Manager Manportable Satellite Systems. This capability provides worldwide, two-way, anti-jam, low-probability-of-intercept detection, secure voice, and data communications through all levels of conflict and crisis. The terminal weighs 38 pounds within the transit case and is delivered with an accessory case, which includes an external power adapter, speaker and assorted baseband cables. Development is underway for technologies leading to an objective SCAMP Block II, 12-15 pounds, and manportable terminal.

Single-Channel Ground and Airborne Radio System -- VHF (SINCGARS)	**PFDOS**	**IC**	**AAE (Mr. Hoeper)**	**PM, TRCS**	**PD**	**PEO, C3S**

The Single Channel Ground and Airborne Radio System (SINCGARS) provides commanders with a highly reliable, secure, easily maintained Combat Net Radio (CNR) that has both voice and data handling capability in support of Command and Control (C2) operations. SINCGARS, with the Internet Controller, provides the communications link for digitized force (Task Force XXI). SINCGARS configurations include manpack, vehicular (both low and high power), and airborne models. Communications Security (COMSEC) is integrated in currently produced versions of the ground and the airborne radios, and the System Improvement Program (SIP) models provide upgrades to enhance operational capability in the tactical internet (TI) environment. The Advanced System Improvement Program (ASIP) models-- of a reduced size and weight-- provide further enhancements to operational capability in the TI environment.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Small Arms Fire Control System	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

Provides a full solution fire control with day/night sight and laser ranging capability. It will dramatically increase first round hit probability of the MK19 Grenade Machine Gun. Supports the Soldier Enhancement Program.

Small Computer Program (SCP)	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, SCP**	**PD**	**DSA, CECOM**

The Small Computer Program (SCP), provides the Army and Government and DOD agencies with a centralized source to acquire information management hardware and software and related engineering, installation, training, and maintenance support on a worldwide basis. As many as four separate acquisitions are completed every year in order to ensure availability of items. The acquisition complexity of this program stems from: managing products that have rapid technological changes and the addition of evolving standards which complicates inter- and intra-service interoperability; systems acquisitions of multi-vendor components, not simple commodity purchases; and a highly litigious industrial base. The Product Manager (PM), SCP manages 21 separate contracts that provide information technology products and services.

Small Mobile Water Chiller	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

The Small Mobile Water Chiller is a self-contained, skid-mounted, single pass water chiller. The main components consist of a diesel engine, compressor, condenser heat exchanger (evaporator) and water pump. It cools fresh drinking water for companies operating near the combat zone in harsh and arid environments. The SMWC is part of CENTCOM's Near Term Supply Equipment.

Small Unit Shower	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The Small Unit Shower will be a compact, lightweight field shower system to service small units, developed under the Soldier Enhancement Program.

Soldier Crew Tent (SCT)	**PFDOS**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

The SCT provides environmental protection for the billeting of small unit elements. It is a lightweight, durable, single frame, single hub tent.

Sorbent Decontamination System (SDS)	**EMD**	**IV**	**Acq Ex, SBCCOM (Mr. McKivrigan)**	**RDEC**	**Item/System Manager**	**DAR, SBCCOM**

The SDS will consist of a decontaminant superior to XE555 used in the M295 kit to remove chemical agents from military equipment. The new absorbent will reduce off-gassing and contact hazard associated with the absorbent. It will be used by the soldier to decon personal equipment, vehicles and weapons..

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Special Operations Force Demo Kit	**EMD**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

Kit consisting of state-of-the-art warheads and demolition attaching material to provide capability to construct special purpose demolitions.

SPITFIRE (Formally known as Enhanced Manpack UHF Terminal) (EMUT)	**PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, MILSATCOM**	**PJ**	**PEO, C3S**

The SPITFIRE radio program (under the auspices of Product Manager, Manportable Satellite Systems) is a Ultra High Frequency (UHF) manpack, small, lightweight, manportable, single channel satellite communications terminal that supports the Army, Air Force, Marine Corps, and Special Operations Forces units' requirements for use on the 5 and 25 kHz channels of the UHF Follow-On (UFO) satellites. The Spitfire has embedded Communications Security and 5/25 kHz Demand Assigned Multiple Access (DAMA) capability and will replace the existing inventory of single channel SATCOM radios. It is highly mobile, easy to operate and weighs less than 12 pounds, excluding battery.

Stand Alone Air GPS Receiver (SAGR) AN/ASN-169	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, GPS**	**PD**	**DSA, CECOM**

The SAGR is a self-contained, six channel receiver that processes GPS signals and provides position, velocity, and time (PVT) information.

Standard Aircraft Towing System (SATS)	**PDRR**	**IV**	**DSA, AMCOM (BG(P) Armbruster)**	**WSM AGSE**	**PD**	**DSA, AMCOM**

Will provide a standard vehicle to safely tow all Army aircraft.

Standard Army Ammunition System (SAAS)	**PFDOS**	**IIA**	**PEO, STAMIS (Mr. Carroll)**	**PM, GCSS-A**	**PD**	**PEO, STAMIS**

SAAS program is the Army's peacetime and wartime ammunition management system. It accomplishes all stock control accounting and supply management from Division through Theater. SAAS functionality will be re-engineered into the ammunition module of the GCSS-Army system.

Standard Army Maintenance System (SAMS)	**PFDOS**	**IAC**	**PEO, STAMIS (Mr. Carroll)**	**PM, GCSS-A**	**PD**	**PEO, STAMIS**

SAMS automates day-to-day weapon system and subcomponent readiness status, maintenance and related repair parts information and management functions from the tactical Direct Support/General Support activities to Installation activities (both TOE and TDA units). SAMS functionailty will be reengineered into the maintenance module of the GCSS-Army system.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Standard Army Refueling System (SARS)	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

Standardize refueling equipment that will adapt to all tactical vehicles and ground support equipment. Capable of refueling tactical vehicles in a minimum of two minutes at flow rates up to 300 GPM. The nozzle and receiving system would regulate flow and pressure, return vapor to the supply tank, and allow filling multiple tanks from one source. The current design is based on a pressure manifold type equipment fuel system, limiting the internal pressure to 18 psig on all hardware and the fuel system manifold. This nozzle and receptacle design will increase refueling rates, reduce hazards associated with "hot" refueling, reduce the possibility of fuel contamination and reduce the detection signal of the vapor plume generated during refueling.

Standard Army Retail Supply System (SARSS)	**PFDOS**	**IAC**	**PEO, STAMIS (Mr. Carroll)**	**PM, GCSS-A**	**PD**	**PEO, STAMIS**

SARSS automates the Army retail supply operations and management for the Total Army, including stock record accounting and supply management for Classes II, III (package), IV, VII and IX (less COMSEC) within the theater of operations and CONUS. SARSS functionality will be reengineered into modules of the GCSS-Army system.

Standard Installation/Division Personnel System (SIDPERS-3)	**PFDOS**	**IAC**	**ARMY CIO (LTG Campbell)**	**PM, SIDPERS**	**PD**	**PEO, STAMIS**

SIDPERS-3 is an automated military personnel system that directly supports the Army's warfighting ability by providing commanders at all echelons from the field to the HQ with necessary personnel information to make accurate decisions and effectively manage personnel assets. The system will serve the Active Army in peacetime and the Total Army during war and mobilization.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Standard Integrated Command Post System (SICPS)	**PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, TOC/AMDCCS**	**PD**	**PEO, C3S**

The SICPS is a family of standard Command Post (CP) facilities under the auspices of Product Manager Platforms. The family includes a Tent CP, a Rigid Wall Shelter (RWS) CP, a Track Vehicle CP (M1068), a 5-Ton Expansible Van CP, and a Soft Top High Mobility Multipurpose Wheeled Vehicle (HMMV) CP. The Tent CP is eleven by eleven feet and supported by a three-piece aluminum frame, with interchangeable fabric sidewalls. Any of these can be removed when attaching two or more tents. The Tent CP is fielded with two tables, mapboards, and a fluorescent light set. It can be attached to any of the other SICPS variants, except the 5-Ton Expansible Van CP, by replacing one sidewall with an interface boot wall. The RWS CP mounts on the HMMVV shelter carrier (M1097) and is powered by an on-board ten kW generator. Components include: equipment racks, internal lighting and blackout, power and signal import/export panels, internal wiring/cabling, vehicular intercom system, 18000 BTU environmental control unit, chemical/biological protection, electromagnetic interference shielding, and Quick Erect Antenna Mast (QEAM). The CP provides workspace for two-each Command, Control, Communications, Computers and Intelligence (C4I) workstations and operators. The Track Vehicle CP is a modification of the existing M577 track vehicle to the M1068 CP vehicle. Added components include: an on-board five kW generator, equipment racks, internal lighting, power and signal import/export panels, internal wiring/cabkubgm vehicular intercom system, QEAM and workspace for two-each C4I workstations and operators. The 5-Ton Expansible Van CP is an installation kit, M-2780/G for the existing 5-Ton Expansible Van (M934A2) and provides equipment racks, internal light and blackout, power and signal import/export panels, internal wiring/cabling, QEM and workspace for four-each moveable C4I workstations and operators. The Soft Top HMMWVCP is an installation kit, M2727/G for existing HMMWV and provides equipment racks, internal lighting and blackout, power and signal import/export modules, internal wiring/cabling, mount for QEAM, and workspace for two-each C4I workstations and operators.

Standardized Robotic System	**EMD**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, JPO UGV/S**	**PJ**	**DSA, AMCOM**

The Standardized Robotic System (SRS) kit will be installed on existing military vehicles and will be transparent to the operator. When operated remotely, all driving and payload functions are controlled from a remote location. This insertion of new technology on existing systems allows engineer units to operate heavy machinery or other military vehicles in extremely hazardous environments.

Stinger Block I	**PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, SHORAD**	**PJ**	**DSA, AMCOM**

Low altitude Forward Air Defense for maneuver forces against low flying fixed, UAV, cruise missile and rotary wing targets with manportable and multiplatforms.

Striker	**EMD/LRIP**	**III**	**PEO, GCSS (MG Michitsch)**	**PM, BFVS**	**PJ**	**PEO, GCSS**

The M707 Striker performs 24-hour terrain surveillance, target location, acquisition, and designation in heavy and light divisions. The system operates as an integral part of the brigade recon fight, providing Combat Observation Lasing Teams (COLTs) with fire support mission planning and execution. Striker consists of an M1025A2 armored HMMWV integrated with a Mission Equipment Package (MEP) that includes: Ground/Vehicular Laser Locator Designator (G/VLLD), AN/TAS-4B night sight, Handheld Terminal Unit (HTU), Lightweight Computer Unit (LCU) that hosts Forward Observer System (FOS) Software, and Inertial Navigation System (INS).

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Suite of Integrated Radio Frequency Countermeasures	**EMD**	**III**	**PEO, AVN (MG Snider)**	**PM, ATIRCM**	**PJ**	**PEO, AVN**

The SIRFC system will provide active and passive Electronic Countermeasure (ECM) protection against Radio Frequency (RF) threats. The system is designed to meet operational requirements for a modular radio frequency countermeasure system capable of providing situational awareness, radar warning and jamming countermeasures. The system is being developed for all Army aircraft.

Super High Frequency (SHF) Tri-Band Advanced Range Extension Terminal (STAR-T)	**PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, MILSATCOM**	**PJ**	**PEO, C3S**

The AN/TSC-156 (V) 3/4/5 is being provided as part of the Tactical Tri-band-Terminal High Mobility Multi-purpose Wheeled Vehicle (HMMWV) (T3 (H) program under the auspices of Product Manager Tri-Band Terminals. This program combined the requirements of the U.S. Army, U.S. Special Operations Command (USSOCOM), Joint Communications Support Element (JCSE) and the U.S. Marine Corps. The Army will use two primary configurations; the AN/TSC-156 (V) 3 standard version (non-switch), also used by the U.S. Marine Corps and JCSE, and the AN/TSC-156 (V) 4/5-switch versions. The Army's AN/TSC-156 (V) 3 will provide force projection inter- and intra-theater connectivity between TRI-TAC switches at Echelons-Above-Corps (EAC) to include split based operations between the theater and the sustaining base. At Echelons-Corps and Below (ECB) standard versions will provide the same extended range connectivity between elements in the Mobile Subscriber Equipment network at selected ECB units. The AN/TSC-156 (V) 4/5 will provide local and tandem switching capability for selected nodes and headquarters at EAC and ECB units, in addition to range extension. The AN/TSC-156 (V) 3/4/5 will replace AN/TSC-85B/93B and AN/TSC-143 terminals at EAC and designated signal units. It will complement the AN/TSC-154 Extremely High Frequency (EHF) Milstar Secure Mobile Anti-jam Reliable Tactical-Terminal (SMART-T) at ECB. The Warfighter Information Network (WIN) architecture in conjunction with the Joint Technical Architecture will initiate a trend toward commonality with commercial switching and data standards to include end instruments. The AN/TSC-156 (V) 3/4/5 are tri-band, multi-channel, tactical satellite communications terminals that operate within the Super High Frequency (SHF) satellite spectrum over military X-band and commercial C and Ku band satellites. The transport configuration for the Low Rate Initial Production versions will be two Heavy HMMWVs with transition to the Enhanced Capacity Vehicles (ECV) for production. The terminals have a 30-minute set-up/tear down time with frequency band changes in ten minutes or less.

Synthetic Environments and Advanced Distributed Simulations (SEADS)	**PDRR/EMD/PFDOS**	**III**	**CG, STRICOM (BG Bond)**	**PM, SEADS**	**PD**	**CG, STRICOM**

The SEADS program consists of multiple activities to support Synthetic Environment and SBA/SMART implementation. The Advanced Simulation Program (ASP) provides state-of-the-art technologies to facilitate experiments at the Core Distributed Interactive Simulation (DIS) Facilities (CDFs). The SEADS program also provides for services of the Combined Arms Assessment Network (CAAN), consisting of the Operational Support Facility (Orlando, FL), Land Warrior Test Bed (Ft. Benning GA), Mounted Warfare Test Bed (Ft. Knox KY) and Aviation Test Bed (Ft. Rucker AL), for conducting various experiments within a virtual environment.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
T-9 (D7 Bulldozer)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MHE**	**PD**	**DSA, TACOM**

The D7 is a fully tracked, low speed, medium drawbar pull bulldozer with a ripper or winch. It is used by engineer units for all types of horizontal construction projects such as roads, airfields, and emplacements.

Tactical Airspace Integration System (TAIS)	**EMD**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, ATC**	**PD**	**DSA, AMCOM**

The TAIS is a tactical command and control system that will provide automated Army Airspace Command and Control (A2C2), improved air traffic services, airspace management services during military operations other than war (OOTW), effective battlespace synchronization and interface with air traffic services facilities of other services and other nations. The TAIS will replace the AN/TSQ-61B, Flight Control Central.

Tactical Endurance Synthetic Aperture Radar (TESAR)	**PFDOS**	**II**	**Air Force AE (Mr. Delaney)**	**PM, TESAR**	**PD**	**PEO, IEW&S**

Tactical Endurance Synthetic Aperture Radar (TESAR) is an imagery system designed for use on unmanned aerial vehicles.

Tactical Fuel Storage and Distribution System	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

A system of components (pumping assemblies, filtration systems, hose valves and fittings) lighter in weight, yet with the same efficiency, designed to use fewer people for set-up and operation.

Tactical Operations Center (TOC)	**PFDOS**	**III**	**PEO, C3S (BG Boutelle)**	**PM, TOC/AMDCCS**	**PD**	**PEO, C3S**

TOC incorporates Army Battle Command Systems (ABCS), standard vehicles, shelters and tentage, and are transportable in military aircraft. TOCs are digitized, tactically mobile, and fully integrated. Military-Off-The-Shelf (MOTS), Non-Developmental Items (NDI), Commercial Off-The-Shelf (COTS), and emerging technologies are incorporated, and the centers are Defense Information Infrastructure/Common Operating Environment (DII/COE) and Joint Technical Architecture (JTA)-Army (JTA-A) compliant. TOCs are interoperable across all Army mission areas and Joint/Allied mission nodes, and provide a common operational picture. TOCs also provide "Jump" or split-based operations, and command and control protection. They are modular and highly reconfigurable. Operations are revolutionized through a combination of state-of-the-art processing, communications, and information transport methods, using tactical internetting, and the latest networking capabilities. Information dominance is achieved through the orderly evolution of capabilities; these were demonstrated during Advanced Warfighting Experiments, Advanced Concept Technology Demonstrations, collaborative planning, Advanced Technology Demonstrations, improved displays, communication, and data transfer.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Tactical Quiet Generator (TQG) Program, 3 KW	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, MEP**	**PJ**	**DSA, CECOM**

The 3KW TQG developmental program is required to meet the user's (USA,USAF,USMC) urgent requirement for a small, man-portable generator, with improved mobility (reduced weight and size), reduced noise and infrared signature, improved reliability and survivability and single fuel compliant (diesel/JP8). This program will provide sets that will replace/modernize the aged (25 years average age), unsupportable and unreliable 3KW gasoline/diesel generator sets presently in the field. The program is a competitive shoot-off and a down select was made to one contractor in FY98. Production is scheduled to start in 1QFY00 with FUE in FY01.

Tactical Quiet Generator (TQG) Program, 5-60 KW	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, MEP**	**PJ**	**DSA, CECOM**

The 5-60KW TQG program was initiated to replace/modernize the old (average age 20+ years), unreliable/unsupportable Military Standard (MS) Generator Sets, and to enhance battlefield deployability and survivability. The TQG family significantly improves mobility/deployability (reduced weight and size), vastly improves survivability(reduced noise and infrared signatures; EMP hardened) and more than doubles reliability and maintainability. The family is single fuel compliant(diesel/JP8) and is critical to the Army's Force XXI initiatives. FUE was completed in Dec 93 and fielding continues(to be completed by 2013). A 30-60KW TQG re-engining initiative is currently on-going to ensure compliance with EPA standards, and to digitize control systems, enhance diagnostics/maintenance capabilities and interface with other supported digital systems. A contract for the 30-60KW reengineering effort was awarded in 1996. A 10 year follow-on production contract for 5-10-15KW sets was awarded in 1996. These sets are being procured for USA, USAF, USMC, USN and FMS.

Tactical Terminal Control System (TTCS)	**PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, ATC**	**PD**	**DSA, AMCOM**

The TTCS is a mobile communications system that will provide Air Traffic Services (ATS) at remote landing sites, drop zones, pick-up zones and temporary helicopter operating areas. TTCS equipped units will provide ATS for aviation assets conducting operations across the entire battlefield. The TTCS will replace the AN/TSQ-97A.

Tactical Unmanned Aerial Vehicle (TUAV)	**PDRR**	**II**	**AAE (Mr. Hoeper)**	**PM, TUAV**	**PJ**	**PEO, IEW&S**

The TUAV is the maneuver commander's "dominant eye" focusing on the close battle providing targeting, situation development and battle damage assessment. TUAV will replace manpower-intensive and high-risk front line monitoring systems such as remote sensors and ground-based radars. With its real-time video capability, the TUAV will give tactical ground commanders the capability to visualize more of the battlefield than ever before. Milestone I was approved on 7 Apr 99.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Tactical Unmanned Vehicle (TUV)	**PDRR**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, JPO UGV/S**	**PJ**	**DSA, AMCOM**

The TUV is a tele-operated, state-of-the-art system enabling small units to perform remote day/night reconnaissance, surveillance, target acquisition (RSTA) and biological/chemical (BC) detection missions from protected positions. The TUV consists of a Remotely Controlled Multi-Mission Platform (RCMMP), Operator Control Unit (OCU), Mission Modules (MM), and Mission Planner (MP). The RCMMP is tele-operated forward and transports the Mission Module. The soldiers/Marines at the OCU, remaining in covered positions, will deploy the RCMMP up to 10 Km forward of friendly forces. A data link between the OCU and RCMMP allows vehicle control and the transmission of critical RSTA and BC detection information back to the operator. The TUV will support expansion of the Battalion Commander's battle space as an organic system to gather real-time battlefield information. The TUV program's Evolutionary Acquisition Strategy, along with modular design, will facilitate the horizontal technology insertion of the future mission payload packages necessary to satisfy twenty-first century requirements. TUV will be an organic battalion asset for Army and Marine Corps Infantry and Marine Corps Artillery units and will be compatible with present and future Army and Marine Corps Command, Control, Communications, Computer, and Information Systems.

Tactical Water Distribution System	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

This system enables water to be disbursed over a ten mile or any multiple of ten miles through a hoseline/pump entity. It is used with water storage distribution systems or with the 150,000GPD ROWPU.

Tank Assembly, Fabric, Collapsible POL 10,000 gal	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

A large container fabricated of elasto-meric coated nylon used to store fuel (10,000 gal capacity).

Tank/Pump Unit Liquid Dispensing (TULD)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

TULD is the Army's primary system to transport and dispense a second type of fuel (MOGAS or diesel) on the battlefield. This liquid dispensing tank/pump unit consists of a 500 or a 600 gallon tank, tie down kit, storage boxes, and ancillary equipment to refuel and dispense fuel from the system. It is designed for mounting on the M1061A 5-Ton trailer.

TEMPER XXI	**PDRR**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Soldier Support**	**PD**	**DAR, SBCCOM**

TEMPER XXI will replace/upgrade the current Tent, Extendable,Modular, Personnel (TEMPER) to provide improved mobility habitability, rapid erection and strike capability. Lightweight support structure and materials to improve mission performance will provide a tent that allows for multi-functional uses in all climatic conditions. This program will incorporate an airbeam frame for rapid deployment of large complexes for uses such as hospitals, and tent cities. The replacement tent will also utilize the modular deck system currently under development.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Terrestrial Transmission	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, DCATS**	**PJ**	**DSA, CECOM**

This budget line supports the Department of Defense approved program to modernize and integrate digital operations within the Pacific and European Theaters. The architecture of the Defense Information Systems Network (DISN) will be reconfigured to accommodate the rapidly changing deployment and realignment of forces within the Pacific and European Theaters. This program is a component of the Army's seamless Enterprise Network that provides compatibility across operational systems. The modernization program supports force projection through technology insertion and evolutionary changes. The program utilizes emerging technological developments to capitalize on digital information systems throughout the worldwide DISN. The theater Commanders-in-Chief require a robust infrastructure that will facilitate mobilization and sustainment of a deployed force.

Test Equipment Modernization	**PFDOS**	**III**	**DSA, AMCOM (BG(P) Armbruster)**	**PM, TMDE**	**PJ**	**DSA, AMCOM**

The Test Equipment Modernization (TEMOD) program provides state-of-the-art general purpose test, measure-ment, and diagnostic equipment (TMDE) to meet the needs of the Army's direct and general support maintenance units. The program was initiated in 1981 to reduce TMDE proliferation and obsolescence and to reduce TMDE support costs. The TEMOD program procures commercial or nondevelopmental items through streamlined acquisition procedures to support a wide variety of Army weapons and support systems. The near-term focus of the program is on procurement of multifunctional devices and advanced technology systems which will further reduce test equipment inventories and the associated operating and support costs.

Tester, Leakage, Protective Mask: Protection Assessment Test System, M41	**PFDOS**	**IV**	**Acq Ex, SBCCOM (Mr. McKivrigan)**	**RDEC**	**Item/System Manager**	**DAR, SBCCOM**

The M41 Protection Assessment Test System (PATS) is designed to check the fit and readiness of protective masks. The PATS is approximately 200 cubic inches in size and 4 lb. in weight. It is based on a miniature Condensation Nucleus Counter that continuously samples and counts individual particles that occur naturally in the surrounding air. The PATS measures the concentration of these particles inside and outside of the mask and calculates a Fit Factor.

Thawed Blood Processing System	**EMD**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

This is a fully automated system capable of washing a unit of blood in less than 30 minutes. The new system is less than one-third the size of the existing system and will increase the shelf life of thawed blood from 1 day to more than 2 weeks.

The HEMTT Tanker Refueling System (HTARS)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, TAWS**	**PJ**	**DSA, TACOM**

HTARS is a refueling system that allows the HEMTT tanker to refuel four aircraft simultaneously. It consists of lightweight, collapsible fabric hose; closed circuit, open port and under-wing nozzles; and quick disconnect sexless, dry-break couplings and wyes and tees.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Theater High Altitude Area Defense (THAAD)	**PDRR**	**ID**	**USD(A&T) (Dr. Gansler)**	**PM, THAAD**	**PJ**	**PEO, AMD**

The Theater High Altitude Area Defense (THAAD) system will fill the void of a theater wide area defense of tactical ballistic missile threats, including weapons of mass destruction, operating in the endo and exo atmosphere and directed against military forces and strategic geopolitical assets. The THAAD system consists of missiles, launchers, Battle Management/Command, Control, Communication, and Intelligence (BM/C3I) elements, radars, and support equipment. The missile is a hypervelocity, single stage, solid propellant booster and a unique endo-/exo-atmospheric kill vehicle (KV). The hit-to-kill technology KV, designed to destroy threat warheads, guides to the target using an infrared homing seeker. The launcher uses the Army standard Palletized Loading System (PLS) 16-ton truck with a capacity of at least 8 missile rounds on a missile pack. The HMMWV based BM/C3I centers are a set of highly robust and configurable shelters to ensure maximum flexibility on the modern battlefield. These units interface and coordinate with the Theater Air Defense C2 system and will control both the Engagement and Force Operations for the THAAD system. The BM/C3I will provide automated acquisition and identification of TBM threats, process and disseminate track data, assign weapons, monitor engagements, and guide sensor operations. The THAAD X-band phased array radar acquires the target at long ranges, tracks the target and provides in-flight updates to the THAAD interceptor prior to intercept. The radar also performs kill assessment to support the decision to commit additional interceptors or to cue lower tier systems such as the Patriot System. The THAAD System will support passive defense and attack operations by providing impact point predictions and launch point estimations. The THAAD system will be fully transportable by C141/C5/C17 military aircraft. Once in theater, the system will use Army standard movers to be highly mobile on highways and unimproved roads. These system capabilities will allow THAAD to be rapidly deployed to any theater on short notice. Current plans call for a User Operational Evaluation System (less missiles) that has been in the hands of the soldiers since 1996 to gain user input into the final system design and to provide a Commander In Chief with a complete prototype system to use in the case of an emergency by FY 2007. The Army is the Executive Agent for this DoD ACAT ID program which is one of the Ballistic Missile Defense Organization programs.

Third Generation Night Vision Systems--The Night Vision Goggle	**PFDOS**	**III**	**PEO, IEW&S (MG Gust)**	**PM, NV/RSTA**	**PJ**	**PEO, IEW&S**

The Night Vision Goggle is an individual, lightweight, high performance passive, third generation image intensifier system.

Third Generation Night Vision Systems--The Sniper Day/Night Sight	**PFDOS**	**III**	**PEO, IEW&S (MG Gust)**	**PM, NV/RSTA**	**PJ**	**PEO, IEW&S**

The Sniper Day/Night Sight provides snipers using the M24 rifle the capability to acquire and engage targets at night using a third generation image intensifier. This system converts to either day or night use by the flip of a switch that alternates as needed between a day sniper scope or the image intensifier for night viewing.

Third Generation Night Vision--The Aviator's Night Vision Imaging System (ANVIS)	**PFDOS**	**III**	**PEO, IEW&S (MG Gust)**	**PM, NV/RSTA**	**PJ**	**PEO, IEW&S**

The Aviator Night Vision Imaging System provides aviators with night vision capabilities.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Tick-Borne Encephalitis Vaccine	**EMD**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

This vaccine is currently licensed for use in Europe but not the U.S. This virus, with a high mortality rate is endemic in Central Europe incliding Bosnia. Meetings with the FDA will determine what, if any, additional studies are required for licensure in the U.S.

Time Delay Firing Device (TDFD)	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

Small/lightweight/expendable demolition device, extremely accurate and programmable from 5 min to 30 days. Replaces current M1 family of chemical delay devices.

Topical Antileishmanial Drug	**PDRR**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

This product is a topical ointment made from 2 aminoglycosides intended for the topical treatment of leishmaniasis, a disease common in the Middle East, sub-Saharan Africa, Mexico, Central and South America.

Topical Skin Protectant	**EMD**	**IV**	**CG, MRMC (MG Parker)**	**DIR, USAMMDA**	**PJ**	**USAMRMC**

The TSP is a cream containing chemically inert polymers. It has been shown to protect against the toxic effects resulting from percutaneous penetration of chemical warfare compounds. It will be submitted to the FDA for final approval this FY.

Total Army Distance Learning Program (TADLP)	*****	**IAC**	**ARMY CIO (LTG Campbell)**	**PM, TADLP**	**PJ**	**PEO, STAMIS**

The Total Army Distance Learning Program will deliver standardized individual training, selected collective training, and self-development training to soldiers and units at the right place and right time through the application of multiple electronic technologies.

* This system is being developed in blocks, software packages or increments consequently cannot be placed in phases.

TOW Guided Missile System - Ground Launcher	**PFDOS**	**IV**	**DSA, AMCOM (BG(P) Armbruster)**	**WSM Missiles**	**PJ**	**DSA, AMCOM**

The TOW2 weapon system is a crew portable, heavy antitank weapon system designed to defeat armored vehicles and other targets such as field fortifications.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Towed Artillery Digitization (TAD)	**PDRR**	**III**	**PEO, GCSS (MG Michitsch)**	**JPM-LW155**	**PJ**	**PEO, GCSS**

The primary element of the TAD program is a "Digital Fire Control System" (DFCS). Other elements of the TAD program may include laser ignition (or other primer-less ignition system), powered or power assisted ramming, an ammunition handling device, and powered or power assisted elevation and/or deflection drives. The TAD program will have application to both Army and Marine Corps XM777 (LW155) howitzers, and may also be applied in whole or in part to the M198 howitzer, the M119 howitzer, and the Army's Future Direct Support Weapon System (FDSWS). The DFCS shall be a fully integrated digital fire control system providing position location, navigation, ballistic computation, muzzle velocity measurement, receiving and applying meteorological data, multiple fire mission storage and sequencing, system command and control functions, digital communications, electronic crew controls and displays, and some level of situational awareness.

Tractor, T-5	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MHE**	**PD**	**DSA, TACOM**

This is a light bulldozer that is airmobile, airdropable and helicopter transportable. It is used in airborne operations for construction and maintenance of emplacements, roads and airfields.

Tractor, Wheeled Warehouse	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MHE**	**PD**	**DSA, TACOM**

This is a self-propelled diesel engine driven towing tractor, capable of towing loads up to 4,000 pounds. It is used primarily to pull tractor loads of break bulk commodities in warehouse, depots and terminal operations.

Transportation Coordinators' Automated Information for Movement System II (TC-AIMS II)	*	**IAM**	**DoD CIO (Mr. Money)**	**PO, TC-AIMS II**	**Project Officer/Director**	**PEO, STAMIS**

TC-AIMS II is a joint service migration system that provides an integrated set of transportation applications to facilitate movements management of personnel, equipment and supplies from home station to a conflict and back. This system also includes daily transportation management, traffic management, commercial carrier interfaces, movement control and mode operations in garrison, in depots, consolidation activities and transshipment locations.

* This system is being developed in blocks, software packages or increments consequently cannot be placed in phases.

Transportation Operational Personal Property Standard System (TOPS)	**PFDOS**	**IAC**	**ARMY CIO (LTG Campbell)**	**PM, TOPS**	**PJ**	**CG, MTMC**

A joint DOD project designed to support the worldwide Personal Property Movement and Storage Program. Used primarily at DOD Personal Property Shipping Offices (PPSOs), Personal Property Processing Offices (PPPOs), and related Service variants, the TOPS system automates and standardizes virtually every aspect of moving and storing the personal effects of U.S. Military Service Members, U.S. Coast Guard personnel, military and coast guard dependents, and civilian employees of DOD when relocating on assignment.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Truck, Forklift, DED, Rough Terrain, 4000 lb Capacity (4K RTFL)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM

Diesel engine driven 4,000 lb capacity forklift with off-road and fording capabilities. It is designed to enter, stuff and unstuff the Army's family of 8X8 containers using the mobile ramp where necessary. These vehicles are used by terminal transfer units, maintenance support units, supply and services units and general support units.

Truck, Forklift, Warehouse	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MHE	PD	DSA, TACOM

This forklift truck is clean burning diesel engine driven, has solid rubber tires, front wheel steering, and a hydrostatic transmission with a maximum speed of 8 mph. It is used in general warehouse operations that have sufficient ventilation for removal of contaminated air. It can lift loads up to 6k lb.. The vehicle is limited to use on paved or other improved surfaces.

UC-35 Fixed Wing Aircraft	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, Fixed Wing Aircraft	PD	DSA, AMCOM

High speed medium range fixed wing aircraft for hauling passengers and limited quantities of supplies.

Unit Level Logistics System (ULLS)	*	IAC	PEO, STAMIS (Mr. Carroll)	PM, GCSS-A	PD	PEO, STAMIS

ULLS is the Army standard, automated, logistics system for unit Prescribed Load List (PLL) and maintenance management operations. Automates repair parts, supply functions, maintenance management operations, aircraft records, and historical data to improve accuracy and timeliness. ULLS consists of Air, Ground, and S4 components. Standard Properpty Book System-Redesined (SPBS-R) project has been combined with the ULLS program. ULLS/SPBS-R functionality will be reengineered as modules of the GCSS-Army system.

* This system is being developed in blocks, software packages or increments and consequently cannot be placed in phases.

Unit Maintenance Aerial Recovery Kit (UMARK)	PDRR	IV	DSA, AMCOM (BG(P) Armbruster)	WSM AGSE	PD	DSA, AMCOM

Provides all sling, rigging, spreader bars, and hardware needed to enable aerial recovery of any Army aircraft.

Universal Static Line	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM

The Universal Static Line, when fully developed, will replace the need to have separate length static lines for each different airdrop aircraft. The line will either be one standard length, which successfully works with each aircraft, or an adjustable line that can be tailored to each aircraft.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Utility Generator Sets 100-200KW	**PDRR**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, MEP**	**PJ**	**DSA, CECOM**

This is a joint program with the USA,USAF,USMC and USN. The 100KW set size is part of the TQG family ROC, plans are to start development in FY00 with a production phase planned to start in FY03. FUE is scheduled for FY04.

Vehicle Engine Exhaust Smoke System (VEESS)	**EMD**	**III**	**DAR SBCCOM (COL(P) Mangual)**	**PM, Smoke & Obscurants**	**PD**	**DAR, SBCCOM**

The Vehicle Engine Exhaust Smoke System (VEESS) kit consists of a lightly armored, exterior 15-gallon Fog-Oil-Tank that attaches using existing mounting bolts around the left signal light. It utilizes the existing VEESS pump to spray fog oil into the engine exhaust manifold. The fog oil recondenses upon contact with the atmosphere to produce a dense screen. The VEESS enhances unit survivability by screening movement, concealing positions and defeating enemy visual and near infrared target acquisition systems such as laser designators and laser range finders throughout the spectrum of warfare. This modification can be added without increasing overall vehicle gross weight if coupled with a substitution of M250 grenade discharger with the M6 grenade discharger.

Vehicle Teleoperation Capability	**PDRR/EMD**	**III**	**CG, AMCOM (MG Sullivan)**	**PM, JPO UGV/S**	**PJ**	**DSA, AMCOM**

Standardized Teleoperation System (STS) with platform unique actuators and software.

Vibratory Roller	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, CE/MME**	**PD**	**DSA, TACOM**

The Vibratory Roller is intended to compact various types of cohesive and non-cohesive soils, and consolidate sand, gravel, and crushed rock for base and sub-base horizontal construction requiring high load-bearing capacity. Some of these missions include constructing/repairing roads, airfields, storage areas, base preparation of storage areas and handstand. It will replace existing compacting equipment. It comes in two sizes, a smaller one to support light and airborne units, and a standardized one for other units. This is a reprocurement and will be processed as a non-developmental item.

Volcano	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

Scatterable (M139 Dispenser) surface laid mine system consisting of the following: M87 Canister containing 1 AP and 5 magnetic fuze AT mines; M88 practice canister containing expendable dummy mines; M89 training canister which simulates mine dispensing timing and sequencing; and the M87A1 which incorporates improved producibility and countermeasure resistance.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Warfighter Information Network-Terrestrial (WIN-T)	*	Pre -MD AP	PEO, C3S (BG Boutelle)	PM, WIN-T	PJ	PEO, C3S

The WIN-T program provides tactical communications enhancements and downsizing modernization to the Area Common User System (ACUS) to migrate to the Army's WIN system architecture. The ACUS Modernization Plan (MP) documents the current requirements for horizontal technology integration and planned changes to the Mobile Subscriber Equipment (MSE) system for Echelons Corps and Below and Tri-Services Tactical Communications (TRI-TAC) systems for Echelons Above Corps (EAC). The ACUS MP serves as the requirements document for MSE/TRI-TAC transition to objective WIN-T. The WIN-T Operational Requirement Document (ORD) (draft) is currently undergoing review/coordination. WIN-T is the Army's wide area communications network, providing high speed, long-range communications for voice, video and data to Warfighting Command Posts from Brigade to EAC. WIN is comprised of seven components: Power Projection/Sustaining Base, Satellite Transport, Terrestrial Transport, Tactical Internet/Combat Net Radio, Information Services and Network Management. WIN-T portion includes the Terrestrial Transport and supporting Network Management, Security, and Information Services. WIN-T is part of the transport system, which includes transmission, switching and subscriber services. WIN-T provides a simultaneous dynamically allocated voice, data and video capability to the soldier at all levels of security. WIN-T will allow seamless flow and interoperability among Joint Technical Architecture-Army (JTA-A) compliant sustaining base systems that produce use of exchange information electronically. WIN-T will decrease the number and type of communications systems. This reduction of systems will result in efficiencies with training, maintenance and logistics.

* Due to the nature of the program, the Acquisition Phase has not been established.

Warfighters' Simulation (WARSIM) 2000	EMD	II	AAE (Mr. Hoeper)	PM, WARSIM	PJ	CG, STRICOM

WARSIM 2000 is the Army's next generation command and control constructive training simulation. It will support training for Commanders and Staffs from Battalion through Echelons-Above-Corps (EAC). It will replace the Army's current CBS, CSSTSS, and TACSIM systems and will be fielded Army-wide. WARSIM will also provide the Land Warfare functionality for the Joint Simulations System (JSIMS).

Warrior Medic	PDRR	IV	CG, MRMC (MG Parker)	DIR, USAMMDA	PJ	USAMRMC

The Warrior Medic, a variant of the Land Warrior System, is being developed to reduce the time between the occurance and the treatment of battlefield casualties. It includes electronic casualty reporting, field medical card, and electronic versions of applicable field manuals.

Water Items less than $2M each	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM

The equipment procured with this "basket" program supports the Army mission of providing potable water to soldiers in the field. It provides life sustaining water to the front line and remote units in tactical environments. In addition to consumption, those items support personal hygiene, emergency medical conditions, equipment maintenance, and nuclear, biological and chemical decontamination. The program includes a wide variety of low unit cost, high usage items such as water tanks, pumps, water purification, storage and distribution systems. Each has an annual procurement of $2 million or less.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Water Quality Analysis Set-Purification	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

Analyzes water for total dissolved solids, turbidity, pH, temperature and chlorine residual using the latest microcomputer and electronic techniques. It is used to monitor ROWPU operations and to establish degree of treatment needed on raw water sources.

Water, Individual Purification System	**PDRR**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, PAWS**	**PD**	**DSA, TACOM**

This program will develop a water purifier to be used by small troop units located away from traditional supply chains. The unit will consist of portable modules, which when combined, will be capable of producing 50-150 GPH of potable water from any feedwater source.

Wide Area Mine (WAM)	**EMD**	**II**	**DSA, TACOM (COL(P) Harrington)**	**PM, MCD**	**PJ**	**DSA, TACOM**

WAM is the Army's first generation of a smart, autonomous, top attack munition which will defeat various targets including tanks and both tracked and wheeled vehicles (mobility kill). The initial version includes various sensors (seismic and acoustic) to detect, classify and track a target. Once the target is validated by the internal control electronics and within the 100 meter lethal radius, the mine determines the optimum firing time. The upper portion of the ground platform tilts and fires a munition over the target. The target is acquired by the infrared sensor and a tantalum explosively formed penetrator is fired at the target. The initial version, identified as BASIC WAM, is hand emplaced and can be manually set or remotely set by a one way radio. The follow-on BLOCK I pre-planned product improvement WAM, C2 WAM, will have an advanced two way command and control capability (on-off-on), compound warhead and other sensor and ground platform advancements. The BLOCK I will be hand emplaced. Follow-on efforts planned for WAM in the next century will feature alternative delivery means for deep attack.

Wolverine (Heavy Assault Bridge)	**EMD/LRIP**	**II**	**DSA, TACOM (COL(P) Harrington)**	**PM, CMS**	**PJ**	**TARDEC**

The Heavy Assault Bridge (HAB) is a 26 meter (85.3 ft.) Military Load Class 70 bridge transported on an M1A2 Abrams Tank Chassis. The bridge is capable of spanning gaps up to 24 meters on unprepared abutments. It is launched under armor within five minutes and can be retrieved from either end in ten minutes. The HAB is operated by two Combat Engineers and is employed by combined arms task forces in both offensive and defensive operations. Its mission is to provide gap crossing capability for heavy maneuver forces. It is planned to support Abrams Tanks and Bradley Fighting Vehicles and is comparable with these systems in mobility and survivability characteristics.

Worldwide Port System	**PFDOS**	**III**	**CG, MTMC (MG Privratski)**	**PM, WPS**	**PJ**	**CG, MTMC**

An automated information system designed to support the function of cargo documentation and tracking at common user ocean terminals associated with the Military Traffic Management Command (MTMC), U.S. Army Forces Command (FORSCOM), Automated Cargo Documentation Detachments (ACDs), and Service Transportation Terminal Units (TTUs). The WPS system has been designed to replace four legacy cargo documentation AIS systems: Terminal Management System (TERMS), Department of the Army Standards Port System - Enhanced (DASPS-E), Mediterranean Prototype and Terminal Support Module (TSM). The migration to a single integrated standard system will yield several significant benefits.

Program	Current	ACAT	MDA (Name	PM	PM Level*	Organization Reports To
Worldwide Technical Control Improvement Program (WWTCIP)	**PFDOS**	**III**	**DSA, CECOM (COL(P) Mazzucchi)**	**PM, DCATS**	**PJ**	**DSA, CECOM**

Worldwide Technical Control Improvement Program (WWTCIP) provides needed upgrades, expansion, and modernization of the Worldwide Defense Information Systems Network (DISN) technical control facilities in order to effect the integration and efficient operation of Defense Communication System digital transmission subsystems, and to reduce operating costs. This program provides DC power, timing and synch, line conditioning equipment, automatic technical control, digital patch and access system(DPAS), VF tactical interface, Defense Communication Systems TRI-TAC interface, and appropriate test equipment and associated hardware. WWTCIP supports worldwide communications transmission media and switching upgrades such as the DISN-Europe Extended Korean Improvement Program (EKIP), Japan Reconfiguration and Digitization, and Defense Satellite Communications. Program also funds the automation of Technical Control Facilities, as part of the Joint Chiefs of Staff (JCS) directed Korean C4I enhancements under EKIP and Korea Communications Infrastructure upgrade (KCIU).

XM 84 Stun Grenade II	**PFDOS**	**III**	**DSA, TACOM (COL(P) Harrington)**	**PM, Small Arms**	**PD**	**DSA, TACOM**

A diversionary device (hand grenade) designed to confuse, disorient or distract a potential threat with minimal force. Device can be used by tactical or non tactical forces. In support of Soldier Enhancement Program.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

First Previous Next Last